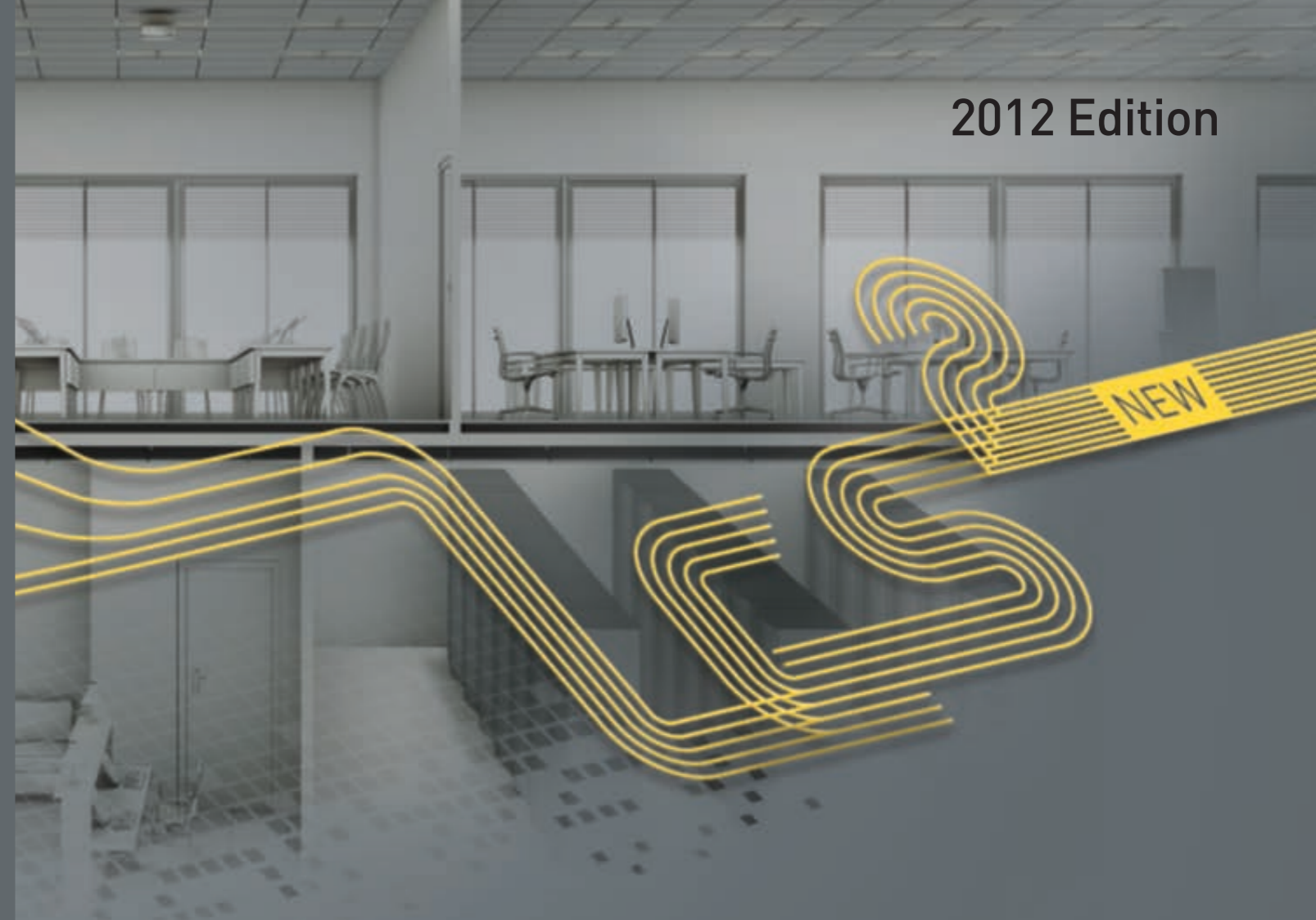


2012 Edition



**LEGRAND CABLING SYSTEM<sup>2</sup>**

**PERFORMANCE**

FROM TECHNICAL ROOM  
TO WORKSTATION

**legrand**

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EX212036 - May 2012

**legrand<sup>®</sup>**



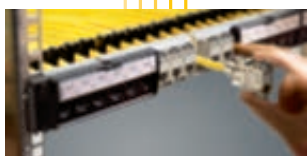


# LEGRAND CABLING SYSTEM<sup>2</sup>



## Solutions from technical room to workstation

See pages 02 to 13



## LCS<sup>2</sup> copper

See pages 14 to 21



## LCS<sup>2</sup> fibre optic

See pages 22 to 27



## LCS<sup>2</sup> enclosures

See pages 28 to 39



## LCS<sup>2</sup> workstation

See pages 40 to 49

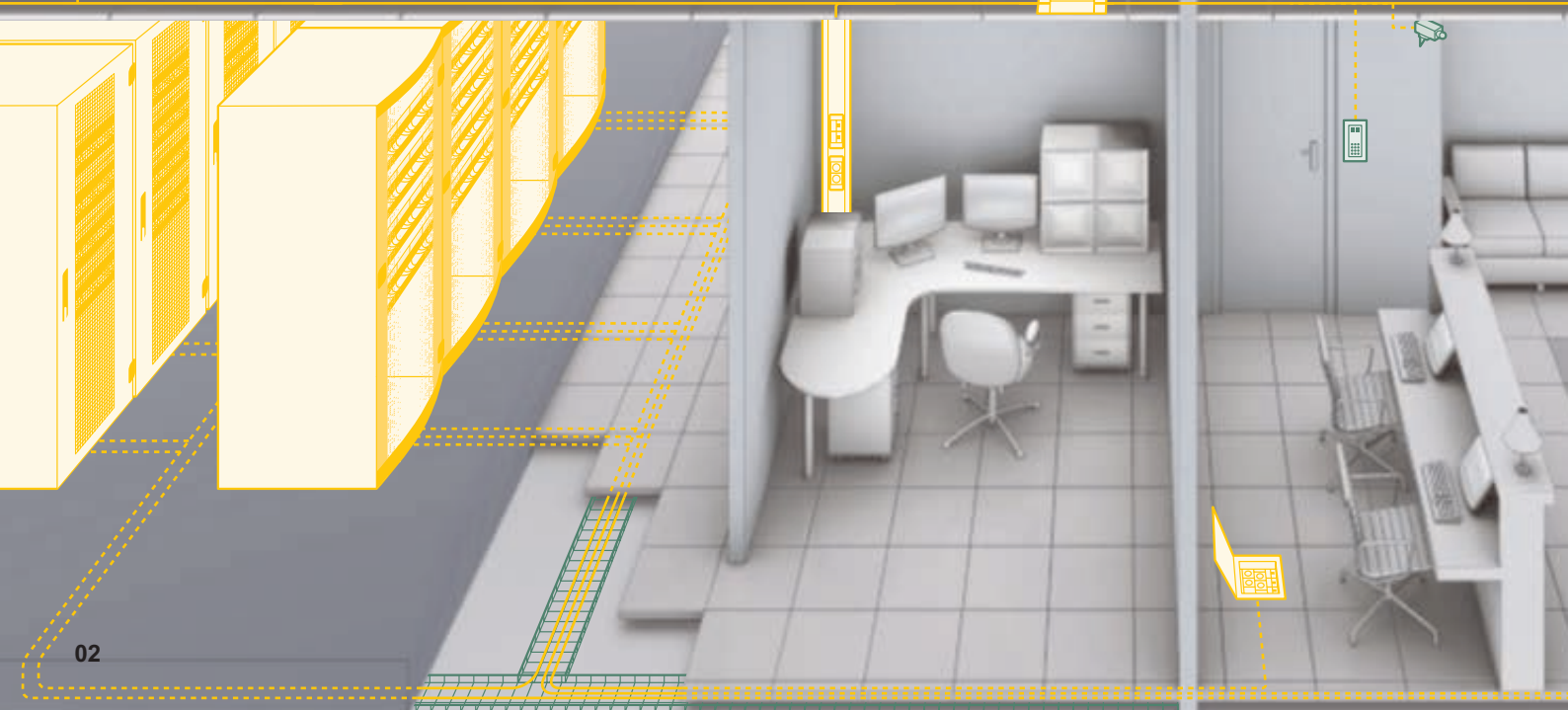


## LCS<sup>2</sup> services

See pages 50 to 53

## Catalogue references

See pages 54 to 113





# LCS<sup>2</sup>

## from technical room to workstation

### ■ LCS<sup>2</sup> Cabling system products

Complete systems with a 20-year guarantee.

The new LCS<sup>2</sup> cat. 6A (up to 500 MHz), cat. 6 (up to 250 MHz) and cat. 5e (up to 100 MHz) systems have been designed as coherent entities to optimise their performance.

The systems are suitable for optical fibre cables as well as copper cables.

**See pages 14 to 39**

### ■ Legrand Synergies

The new LCS<sup>2</sup> systems integrate perfectly in the various other Legrand solutions: DLP trunking system, cabling accessories, cable management, etc.

**See pages 40 to 53**

Towards network convergence.

The IP convergence products (IP telephony, IP remote monitoring, IP access control) can also be a part of the LCS<sup>2</sup> systems.



LCS<sup>2</sup>  
APPLICATION  
EXAMPLE

OFFICE



Area distribution box



RJ 45 socket



Access control



Patch panel







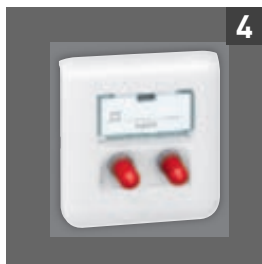
LCS<sup>2</sup>  
APPLICATION  
EXAMPLE  
**MALL  
CENTER**



Switch Mosaic



Cablofil wire mesh



Fibre optic socket





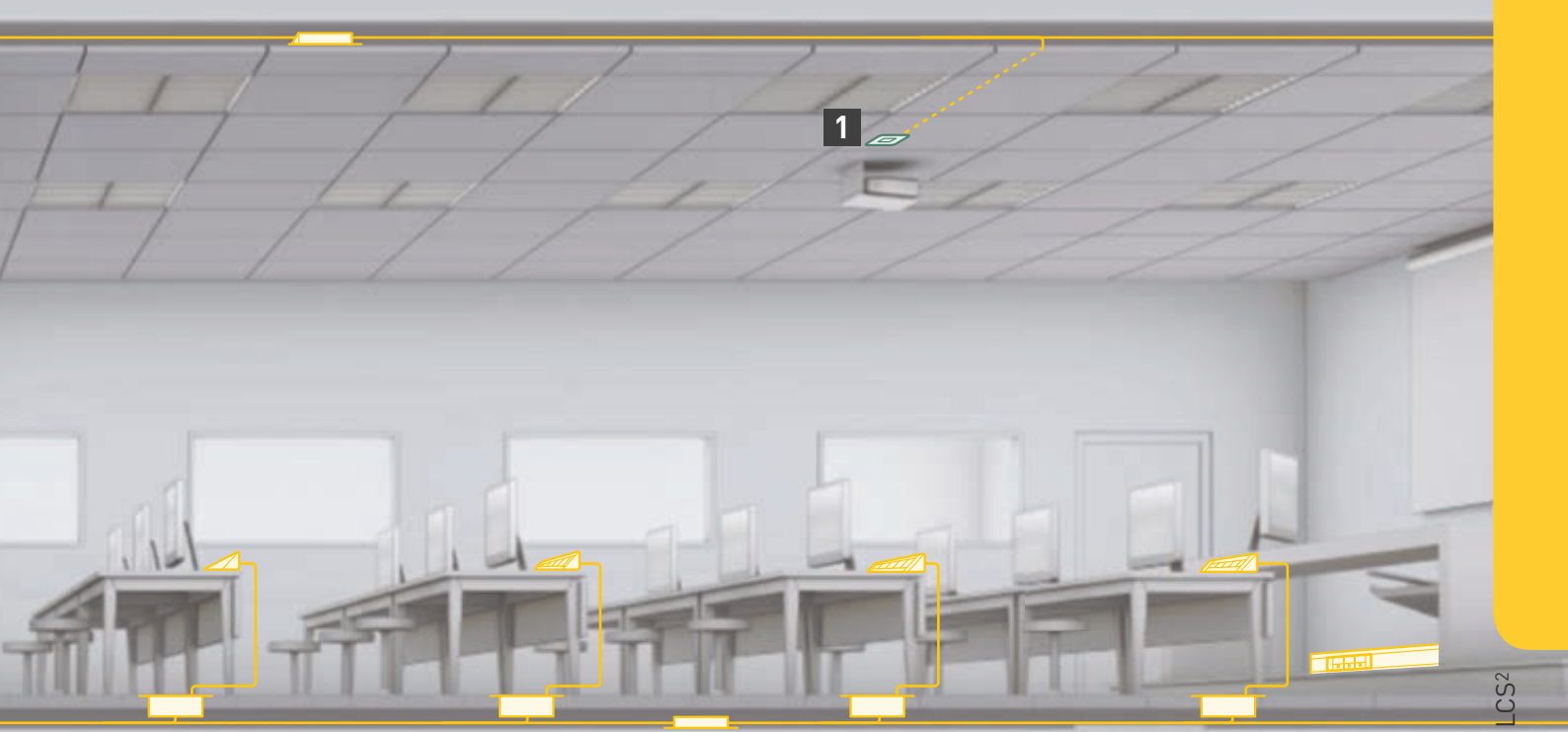
LCS<sup>2</sup>  
APPLICATION  
EXAMPLE

**CAMPUS**



AVS socket





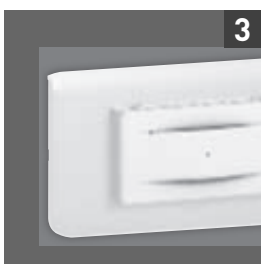
1



2

4

LCS2



3

Wi-Fi access point



4

RJ 45 with controlled access





LCS<sup>2</sup>  
APPLICATION  
EXAMPLE

HOTEL



RJ 45 sockets 45°



Retractable RJ 45 socket



Supervisory controller and Wi-Fi access point



19" wall-mounting cabinet



# System guaranteed performance of the Legrand systems

**Measurements of LCS<sup>2</sup> components and links, validated by independent laboratories 3 P Third Party Testing and ETL, have highlighted its triple performance.**

Performance of the transmission in cat. 6A, performance of the installation, performance of the maintenance.



## 1 Performance of the transmission in cat. 6A

For long distance, 10 Giga guarantees only slight signal loss for 100 m. For short distance, 10 Giga guarantees a good echo resistance for 15 m.

## 2 Performance of the installation





The values measured widely exceed the requirements of the ISO 11801 standard, Edition 2, amendment 2, thus providing a safety margin to conform to the most rigorous constraints of the installation.

## 3 Performance of maintenance

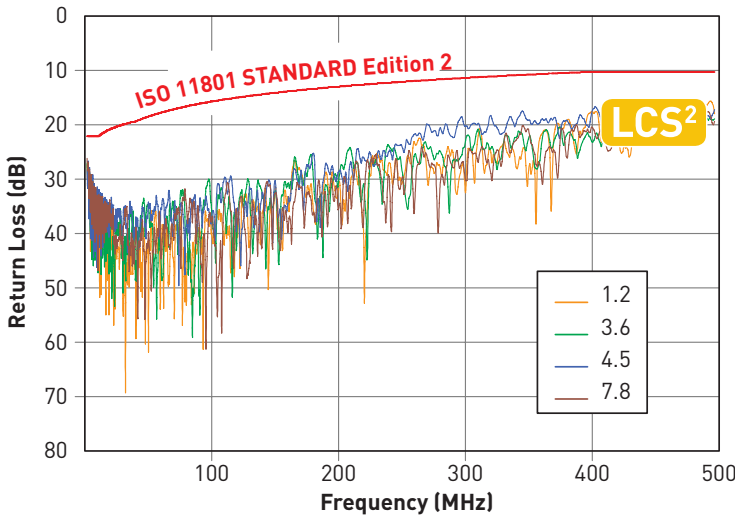
Being committed to deliver a durable LCS<sup>2</sup> system, Legrand gives a 20-year guarantee on its performance.







Note: all LCS<sup>2</sup> products are RoHS compliant.

Category 6A	Network protocol supported	COMPONENT MEASUREMENT		LINK MEASUREMENT (CHANNEL)	
		STP		Class EA / cat. 6A	
		500 MHz	250 MHz	500 MHz	250 MHz
		10 Giga	1 Giga	10 Giga	1 Giga
 <b>Attenuation (dB)</b> Loss of signal	LCS <sup>2</sup> ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	0.13	0.06	35.4	24.1
 <b>Return Loss (dB)</b> Echo resistance	LCS <sup>2</sup> ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	0.45 max. 0.45 max.	0.32 max. 0.32 max.	42.1 max. 49.3 max.	28.9 max. 33.9 max.
 <b>Next (dB) Resistance to interference between pairs<sup>(1)</sup></b>	LCS <sup>2</sup> ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	17.05 14 min. 14 min.	26.59 20 min. 20 min.	16.4 8 min. 6 min.	22.1 10 min. 8 min.
 <b>ACR-N (dB)</b> (Alien Crosstalk Ratio) Actual power supplied	LCS <sup>2</sup>	37.46 37 min. 34 min.	56.93 46 min. 46 min.	38.1 29.2 min. 26.1 min.	54 35.3 min. 33.1 min.
		37.33	56.87	2.7	29.9

[1] Measurements taken on the 3-6 and 4-5 pairs [2] Values taken from the draft of the ISO 11801 standard Edition 2 amendment 2

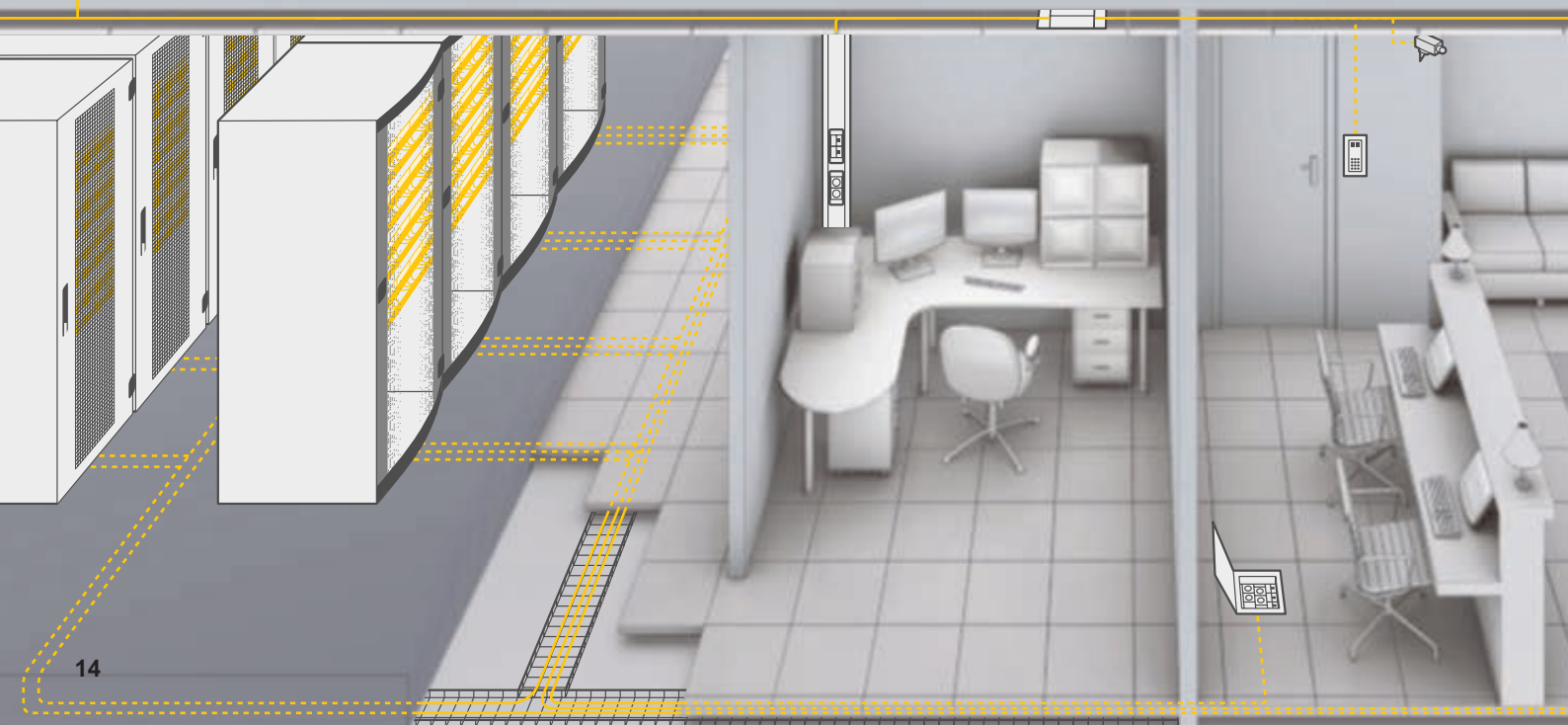


**Measurement of the Return Loss on a class E<sub>A</sub> link**  
 On each pair, the performances of LCS<sup>2</sup> are significantly higher than the values required by the ISO 11801 Standard, Edition 2, amendment 2.

Category 6	Network protocol supported	COMPONENT MEASUREMENT			LINK MEASUREMENT (CHANNEL)
		STP	FTP	UTP	Class E / cat. 6
		250 MHz	250 MHz	250 MHz	250 MHz
		1 Giga	1 Giga	1 Giga	1 Giga
 <b>Attenuation (dB)</b> Loss of signal	LCS <sup>2</sup>	0.09	0.09	0.09	25.7
	ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	0.32 max.	0.32 max.	0.32 max.	30.7 max.
 <b>Return Loss (dB)</b> Echo resistance	LCS <sup>2</sup>	29.8	29.8	29.8	38.8
	ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	16 min.	16 min.	16 min.	10 min.
 <b>Next (dB) Resistance to interference between pairs<sup>(1)</sup></b>	LCS <sup>2</sup>	51.3	51.3	51.3	53.9
	ISO 11801 Standard, Edition 2, Amendment 2 <sup>(2)</sup> TIA/EIA-568-C.2	46 min.	46 min.	46 min.	35.3 min.
 <b>ACR-N (dB)</b> (Alien Crosstalk Ratio) Actual power supplied	LCS <sup>2</sup>	51.21	51.21	51.21	28.2

(1) Measurements taken on the 3-6 and 4-5 pairs (2) Values taken from the draft of the ISO 11801 standard Edition 2 amendment 2







# LCS<sup>2</sup> COPPER

## A complete system up to 10 Gbits/s



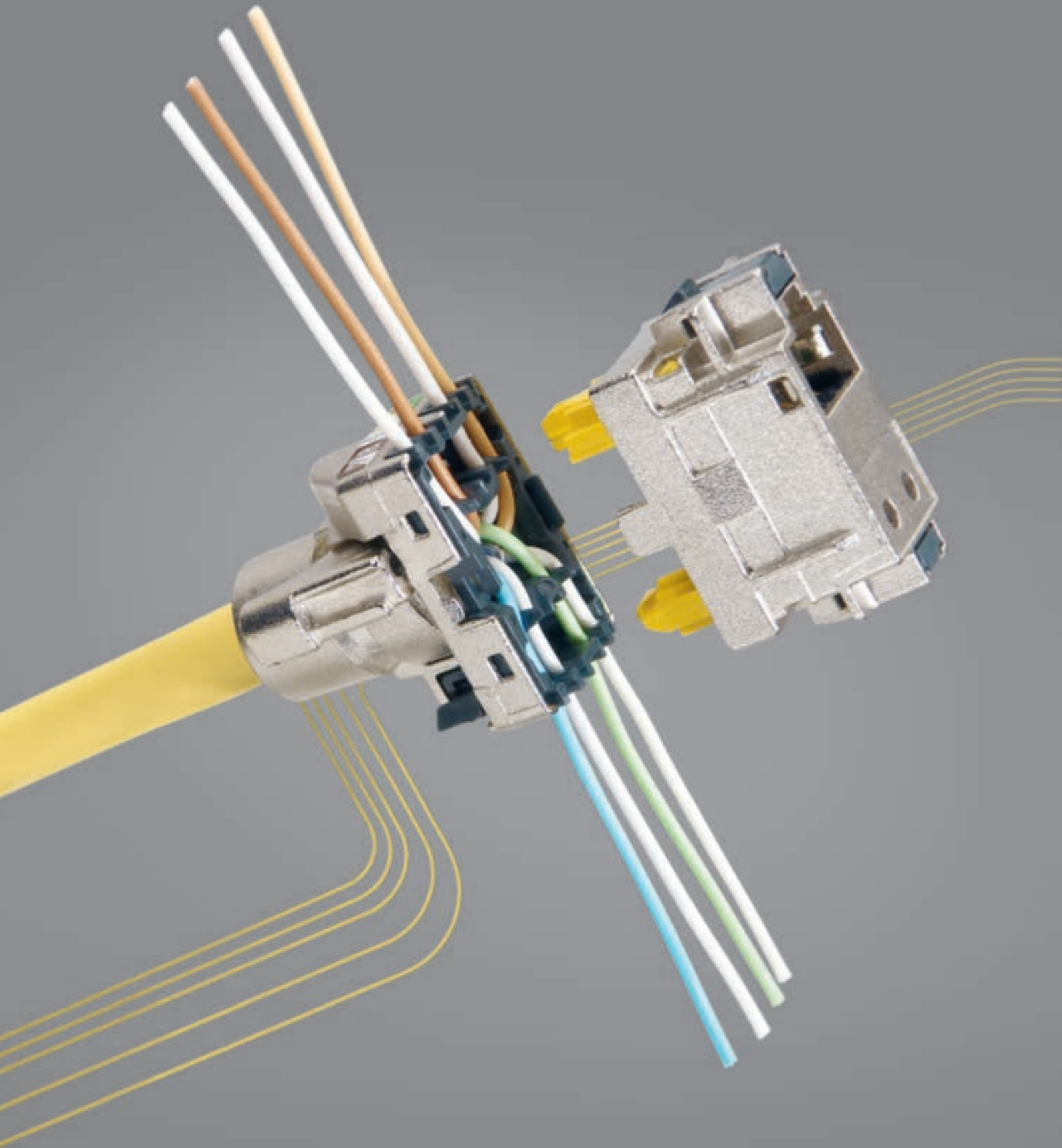
**Connectors**  
See pages 16 to 17



**Patch panels**  
See pages 18 to 19



**Patch cords and cables**  
See pages 20 to 21

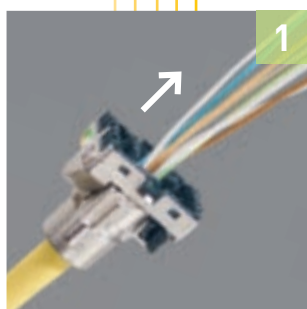


# New LCS<sup>2</sup> connector

## Performance of the installation

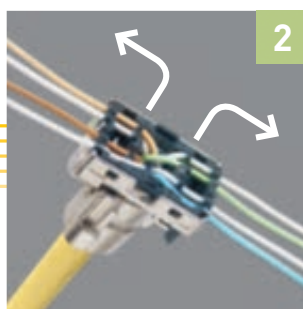
**RJ 45 connector is the core element contributing to the performance of the LCS<sup>2</sup> system.**

You can obtain a perfect connection within a few seconds guaranteeing an optimum performance of the link from the patch panel to the RJ 45 socket (see page 46).



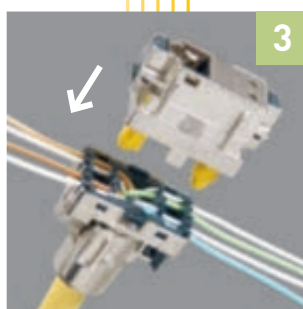
### Insert the cable in the rear part

Visibility of the marking as per the TIA/EIA code. Takes all cables currently available on the market: U/UTP, F/UTP and SF/UTP.



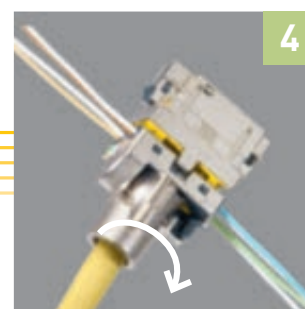
### Separate and insert the strands

Intuitively maintain 13 mm, no need to measure.



### Add the upper part of the connector

The tamperproof insert gives ease of movement.



### Turn to guarantee the connection

Simply turn to flatten the strands simultaneously. Cut them, and the connector is ready!



# LCS<sup>2</sup> Patch panels

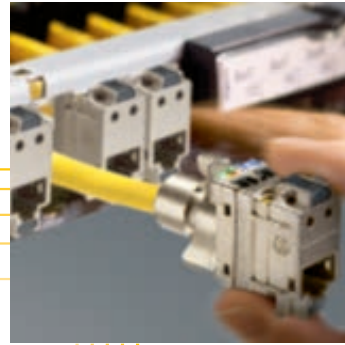
## Performance of maintenance

**The design of the new LCS<sup>2</sup> patch panels optimises the mounting and maintenance.**

Maintaining the cables with cable guides, blocks of 6 RJ 45 connectors, clipping and unclipping each connector from the front panel.



**Better fixing by clamp**  
Cable maintained in its cable guide.



**Room for maintenance**  
Simple unclipping of LCS<sup>2</sup> connectors.



**Panels provided with quick-fixing system**  
Universal mounting any rack or cabinets.

The new LCS<sup>2</sup> panels can also be fitted with:



Telephone block



FC type video broadcast block



LC fibre optic cassette

# Legrand cables and cords

## coherence and performance

### To ensure total coherence of its LCS<sup>2</sup> cat. 6A, cat. 6 and cat. 5e systems,

Legrand offers a range of 4 twisted pair cables  
in the four types: U/UTP, F/UTP, S/FTP, SF/UTP.

#### ■ High-quality manufacturing

Manufactured to high quality standards,  
with thicker insulation to reduce the effects  
of crosstalk, and reduction of the twist pitch of the pairs:  
the quality of Legrand cables is suitable for the LCS<sup>2</sup>  
category 6A, category 6 and category 5e systems,  
ensuring high performance from the patch panel right  
through to the RJ 45 socket. What's more, Legrand offers  
its cables in 2 versions with sheaths suitable for different  
environments: LSZH and PVC. The 3P laboratory  
has certified all the Legrand cables to be compliant  
with the ISO IS 11 801, EN 50173-1 standards  
and TIA/EIA-568-C.2.

[See catalogue pages](#)



Legrand cat. 6A F/UTP cable.

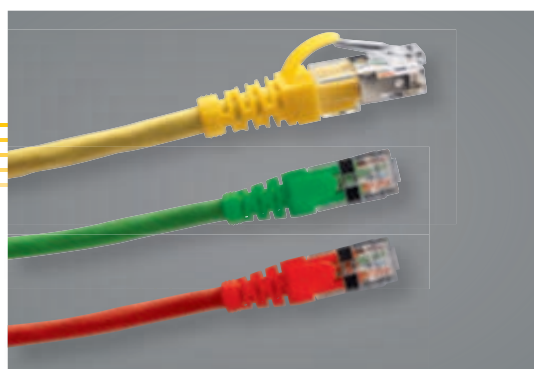


Legrand cat. 6 F/UTP cable.



Legrand cat. 6 SF/UTP cable.

	SHEATH	MARKING	STORAGE/TRANSPORT TEMPERATURE	OPERATING TEMPERATURE
CAT. 7 S/FTP CABLE 100 OHMS	LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Ø 7.5 mm - Colour yellow RAL 1018	LEGRAND 32777 4 pair 23 AWG S/FTP 100 ohms LSZH CAT. 7 900 MHz - VERIFIED TO ISO 11801 IEC 60332-1 EN 50173 - TIA/EIA 568C - VPN/NVP .....% Batch no. + length in metres	0 to +50 °C	-20 to +60 °C
CAT. 6A F/UTP CABLE 100 OHMS	LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Ø 7.8 mm - Colour yellow RAL 1018	LEGRAND 32778 4 pair 24 AWG F/UTP 100 ohms LSZH CAT. 6A 500 MHz - VERIFIED TO ISO 11801 IEC 60332-1 EN 50173 - TIA/EIA 568C - VPN/NVP .....% Batch no. + length in metres	0 to +50 °C	-20 to +60 °C
CAT. 6 U/UTP CABLE 100 OHMS	PVC or LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Ø 6.4 mm - Colour blue RAL 5015	LEGRAND (4 pair or 2x4 pair) 24 AWG UTP 100 ohms 250 Mhz (PVC or LSZH) CAT. 6 250 MHz - EC VERIFIED TO ISO 11801 IEC 60332-1 EN 50173-1 TIA/EIA 568A Batch no. + length in metres	0 to +50 °C	-20 to +60 °C
CAT. 6 F/UTP CABLE 100 OHMS	PVC or LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Synthetic water repellent tape Ø 7 mm - Colour blue RAL 5015	LEGRAND (4 pair or 2x4 pair) 24 AWG FTP 100 ohms 250 Mhz (PVC or LSZH) CAT. 6 250 MHz - EC VERIFIED TO ISO 11801 IEC 60332-1 EN 50173-1 TIA/EIA 568A Batch no. + length in metres	0 to +50 °C	-20 to +60 °C
CAT. 6 SF/UTP CABLE 100 OHMS	PVC or LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Synthetic water repellent tape Ø 7.7 mm - Colour blue RAL 5015	LEGRAND 4 pair 24 AWG SFTP 100 ohms 250 Mhz (PVC or LSZH) CAT. 6 250 MHz - EC VERIFIED TO ISO 11801 IEC 60332-1 EN 50173-1 TIA/EIA 568A Batch no. + length in metres	0 to +50 °C	-20 to +60 °C
CAT. 5e U/UTP CABLE 100 OHMS	PVC or LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Ø 5.2 mm - Colour light grey RAL 7035	LEGRAND CAT.NO (4 pair or 2x4 pair) 24 AWG UTP 100 ohms (PVC or LSZH) CAT. 5e EC VERIFIED TO ISO 11801 IEC 60332-1 EN 50173-1 TIA/EIA 568A Batch no. + length in metres	-15 to +70 °C	+5 to +40 °C
CAT. 5e F/UTP CABLE 100 OHMS	PVC or LSZH in accordance with NFC 32062 with flame retardant effect in accordance with IEC 60332-1 & NFC 32070 2.1 Ø 5.5 mm - Colour light grey RAL 7035	LEGRAND CAT.NO (4 pair or 2x4 pair) CAT. 5e EC VERIFIED TO ISO 11801 IEC 60332-1 EN 50173-1 TIA/EIA 568A Batch no. + length in metres	-15 to +70 °C	+5 to +40 °C



Ensure high-quality continuity: perfect plug connection and transmission performance... Available in several colours.

### ■ Individually tested cords

Legrand patch cords ensure high-quality continuity in a cabling system like other components. Legrand therefore takes the same care with the quality of its complete range of RJ 45 cords, which are certified by the 3P laboratory as compliant with the standards. [See catalogue pages](#)

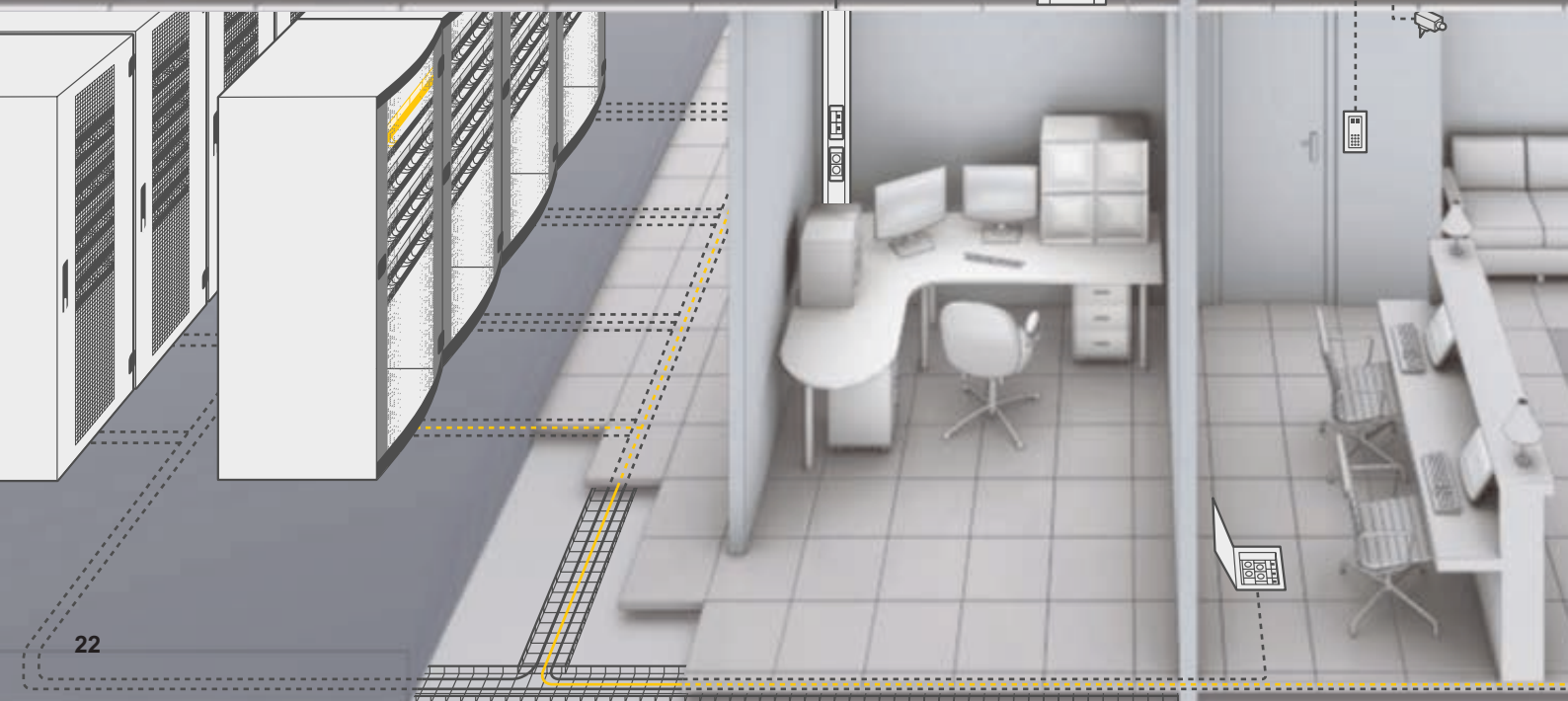
### ■ Tests on all parameters

Legrand cords are individually tested, both for continuity and transmission performance. All the parameters are measured: CR, ACR, NEXT, Return loss, Attenuation, etc. Cords which do not meet the criteria are rejected. These tests guarantee transmission performance from one end of the system to the other, with both class D and class E.

### ■ Universal cords

Available in cat. 6A, cat. 6 and cat. 5e versions and in the three cabling types (U/UTP, F/UTP and SF/UTP). Legrand cords are available in different lengths, thus offering considerable flexibility of use.







# LCS<sup>2</sup> FIBRE OPTIC

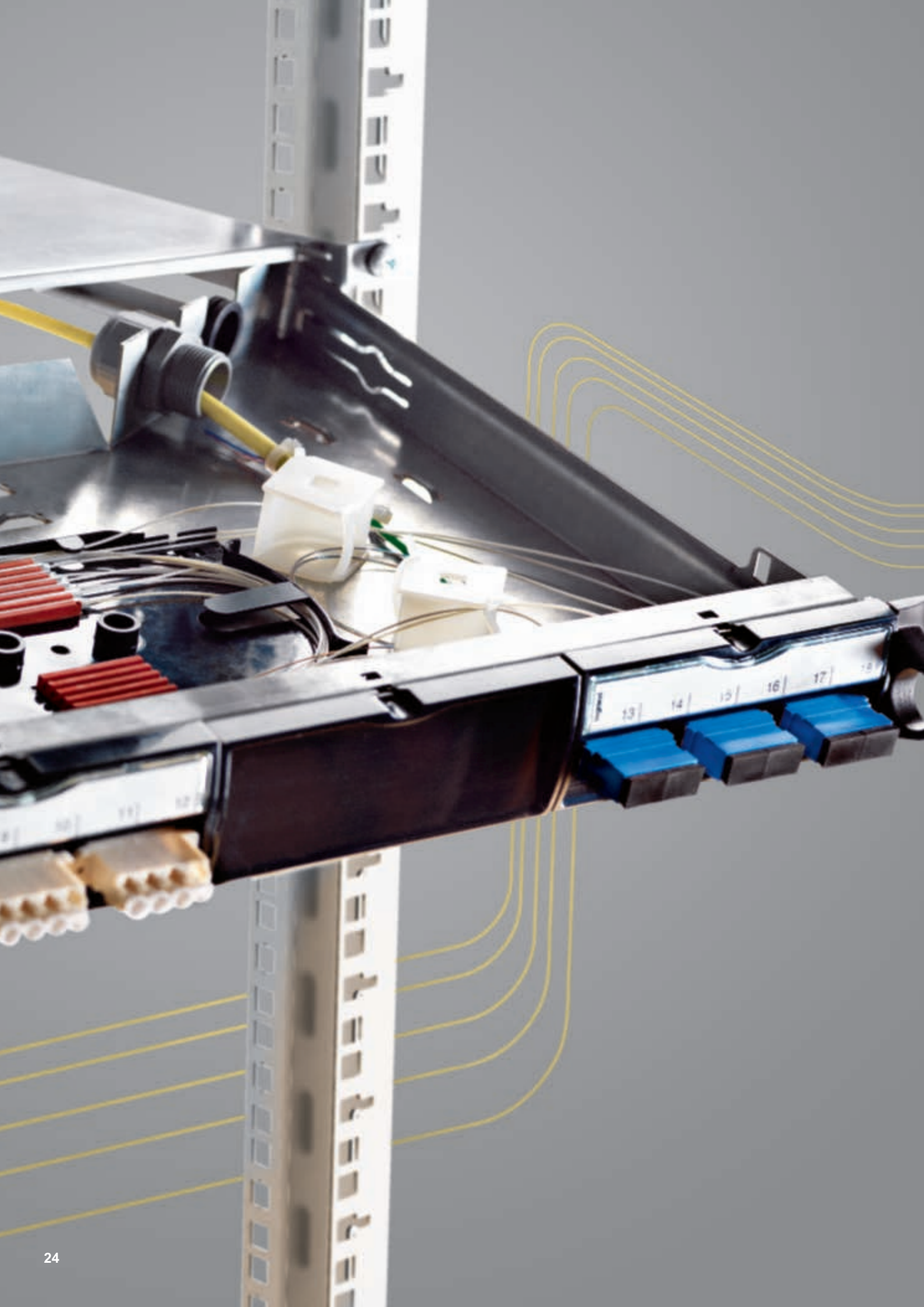
## A simple and reliable option



**Fibre optic drawers**  
See pages 24 to 25



**Connecting fibres**  
See pages 26 to 27



# LCS<sup>2</sup> Fibre optic drawer

## Complete accessibility and ease in coiling

**The new LCS<sup>2</sup> Fibre optic drawer gives a better comfort in installation and maintenance.**

Reinforcements facilitating the opening and closing, end stop inclined at 30° for complete accessibility, coiling the fibres ensured by the in-built coiling accessories...



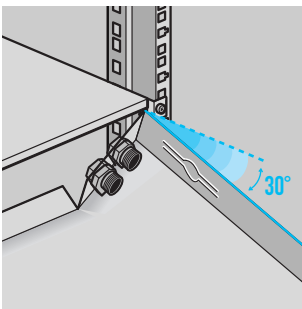
### 19" Fibre optic drawer

Up to 4 fibre optic blocks can be fitted:  
from 24 fibres ST or SC, 48 fibres LC.  
Equipped with grip handles.  
Height: Modular 1U.

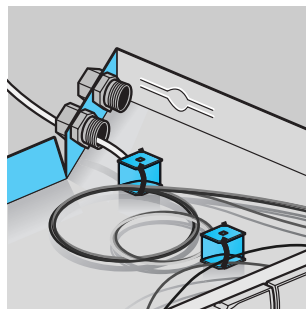


### 19" High density fibre optic drawer

Up to 3 fibre optic blocks can be fitted:  
from 36 fibres ST or SC, 72 fibres LC.  
Equipped with grip handles.  
Height: Modular 1U.



**Total accessibility**  
End stop, inclined at 30°.



**Easier cable management.**  
Integrated coiling accessories.  
Rear in the form of a tail to facilitate connection of incoming cables.

Can take all fibre optic connector blocks



LC connector block  
19" Fibre optic drawer



SC connector block  
19" Fibre optic drawer



SC connector block  
19" High density fibre optic drawer

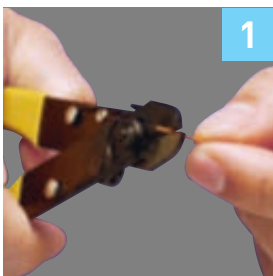
# Connecting fibres

## Legrand simplicity and performance

**Legrand solutions, including the rapid crimping connection process and pre-fitted fibre optic links on demand** have made a significant contribution to placing fibre optics within the reach of installers, particularly for links within buildings or between buildings, over distances of less than two kilometres.

### The basic steps

Preparation of the fibre :



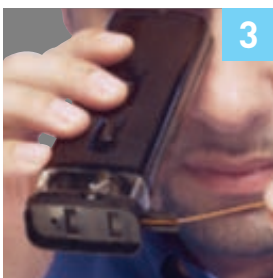
Stripping



Cleaving

### Connection takes just 3 minutes with Legrand rapid connectors

The average time for making this connection is less than 3 minutes with rapid connectors Cat.Nos 0 326 52 to 0 326 61 incorporating a factory pre-polished fibre. After the operations to prepare the fibre, there is no longer any need to glue or polish, or to check the quality of the connection under a microscope! No oven, no drying. The factory pre-polished connectors ensure that the operation is simple and results in a high-quality connection.

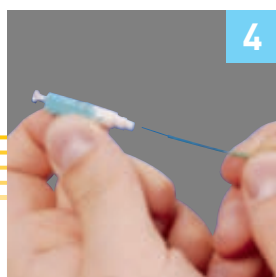


Inspection

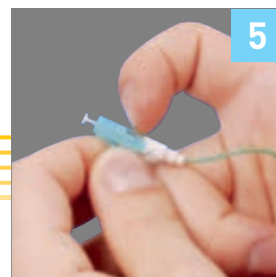
#### Tip

Consider leaving some fibres in reserve for future development of the installation. If you require 2 or 4 fibres now, install cables with 6 or 8, or if you require 6 to 8 fibres now, install cables with 10 to 12.

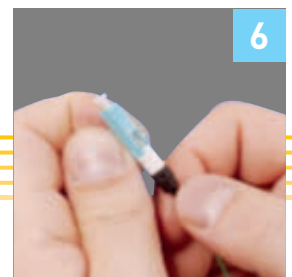
### Connection



Insert the fibre in the connector



Slide the switch on the connector - the splice is done



Slide the boot onto the connector

# Pre-fitted fibre optic

## Pre-fitted fibre optic links on demand: save time and cut risk to a minimum.

Order your own individual solution: pre-fitted and factory tested, it will save you time on site while ensuring a high level of link reliability. This minimises the risk of malfunction during the installation, thereby simplifying the acceptance test.

### What is delivered?

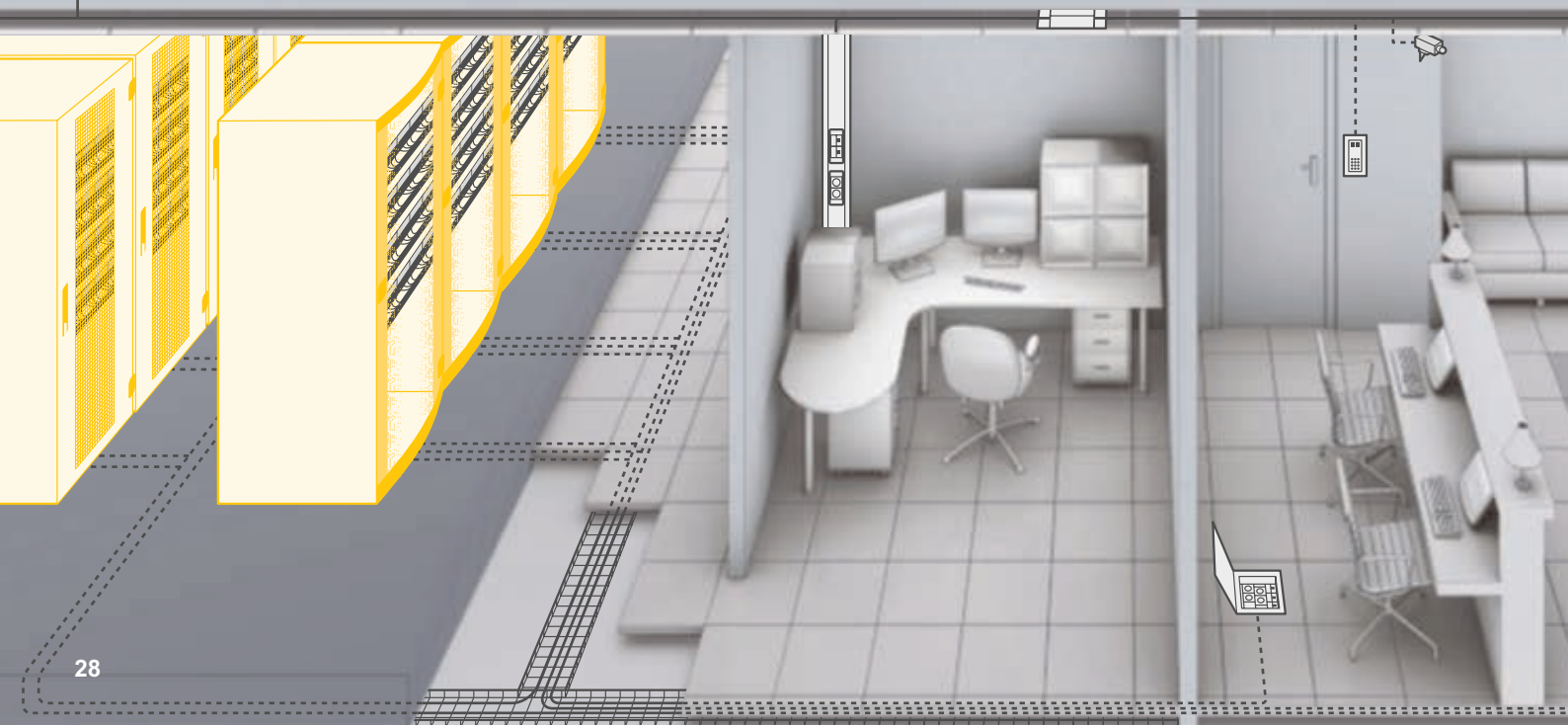
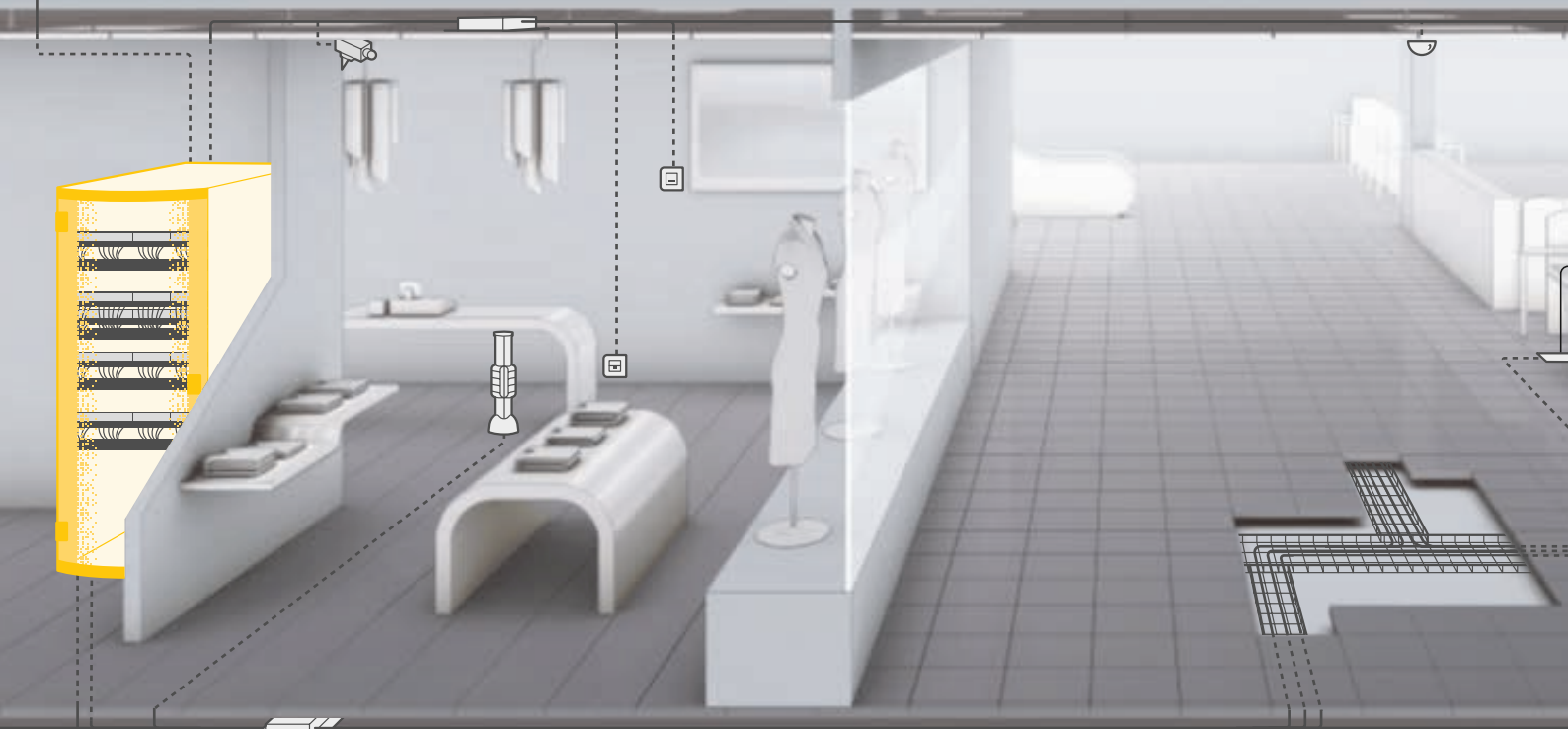
Each link is supplied with a test report. Length stands from connector to connector, in metres. Links up to 50 m are conditioned in boxes (reel optional) and those over 50 m are supplied by reel. Connectors are protected by a sheath. Pulling ring included. Multimode 62.5/125  $\mu\text{m}$  cable complies with OM1 category, 50/125  $\mu\text{m}$  with OM2 or OM3 category and single mode with OS1 category.



### How to order

1. Once your preparatory installation work is done, determine the required length of cable.
2. Indicate the required type of fibre:
  - indoor, indoor/outdoor or outdoor
  - multimode 62.5/125  $\mu\text{m}$  or 50/125  $\mu\text{m}$  or single mode 9/125  $\mu\text{m}$
  - number of cores (4, 6, 12, 24 for indoor applications, outdoor applications and indoor/outdoor applications)
3. Specify the type of connector: ST, SC or LC.
4. State your preferred form of delivery: box or reel.

For further  
information  
Please contact us!





# LCS<sup>2</sup> ENCLOSURES AND CABINETS

Easy installation  
and efficient  
maintenance



**Enclosures**  
See pages 30 to 33



**Racks**  
See pages 34 to 35



**Server enclosures**  
See pages 36 to 37



**Wall mounted  
cabinets**  
See pages 38 to 39





# 19" LCS<sup>2</sup> enclosures

## Optimised management of cables and patch cords

### The design of the new LCS<sup>2</sup> enclosures facilitates managing the cables and patch cords.

Easy association of a unit dedicated for cords, cable entry at the top made easy, new feedthrough panels for perfect organisation of patching...



1

#### Enclosures

The structure allows easy cable entry at the top and bottom of the enclosure. In the case of reduced room access space the structure can be completely dismantled.



5

#### Respecting of the bending radius

Cable management panels with rings to guide and protect the patch cords.



2

#### Optimised cable management

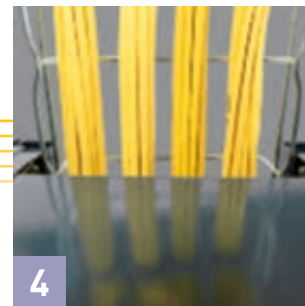
The enclosures are offering lots of space besides the 19" uprights to guide and fix large quantities of cables.



3

#### Linking interface

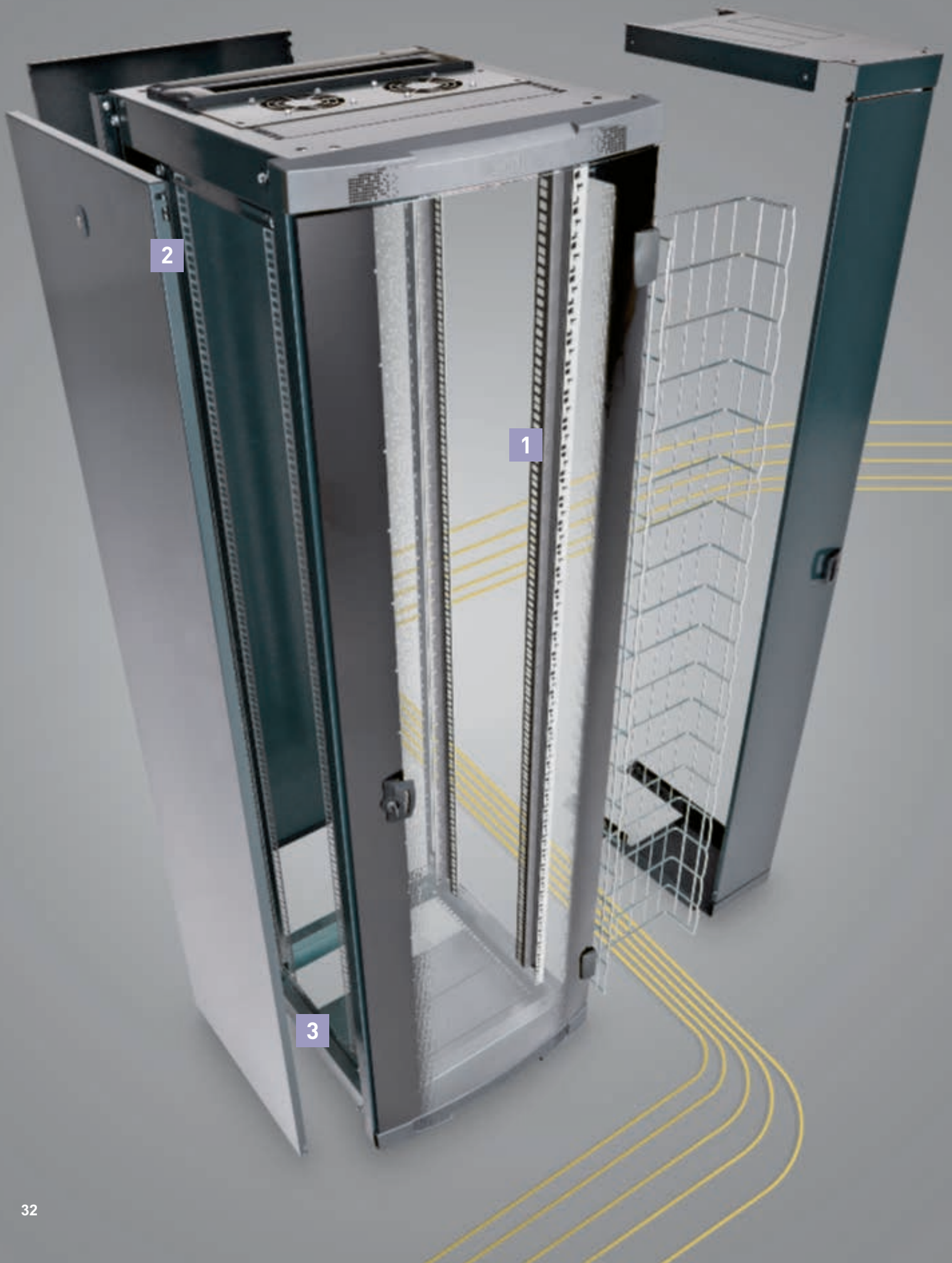
Protects the cables and guarantees the bending radius between enclosure and cable trunking.



4

#### Easy cable entry

Enclosure and cable management unit are equipped with pre-cuts (19") that accept cable feedthrough panels.



# 19" LCS<sup>2</sup> enclosures simplified assembly

**The new LCS<sup>2</sup> enclosures can be very easily assembled and dismantled.**

A considerable time-saving on the sites, complete accessibility thanks to the removable side and rear panels and a structure that can be entirely dismantled.



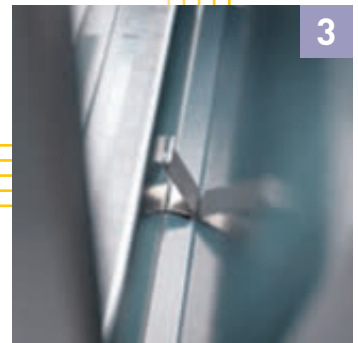
1

**Easy installation**  
Dual marking of 19" uprights.



2

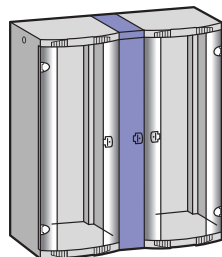
**Total accessibility**  
A structure that can be completely dismantled.



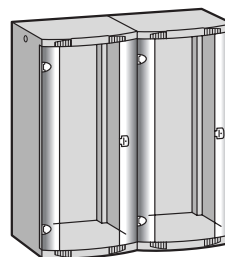
3

**Automatic grounding clip**  
Guarantee of grounding for the side and rear panels with the automatic grounding clip.

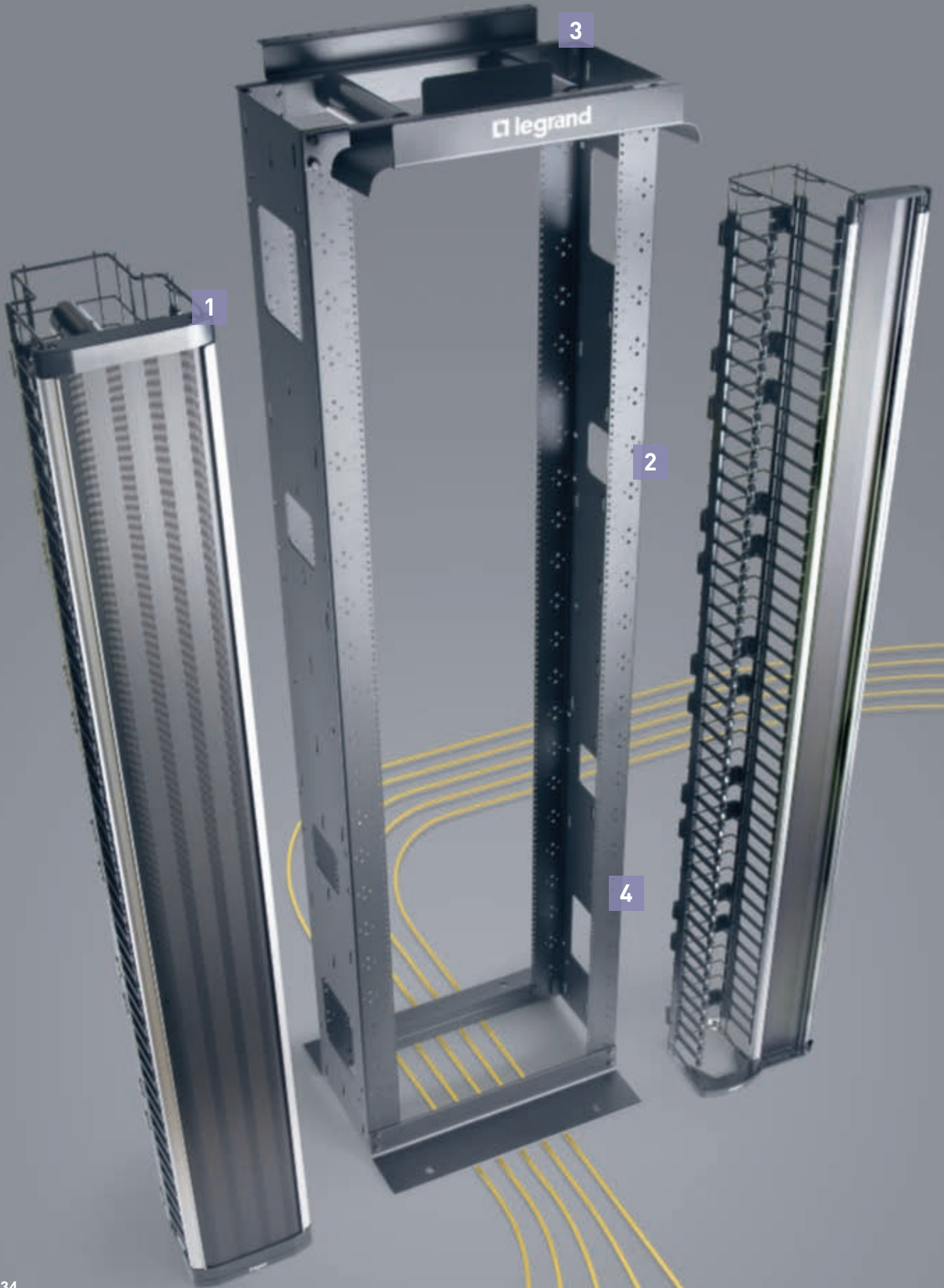
**Combinations that answer various needs**



Two 600-mm-wide enclosures with a cabling unit.



Two 800-mm-wide enclosures side by side.



# LCS<sup>2</sup> 19" High Density racks Advanced cable management

**The new LCS<sup>2</sup> racks offer full cable management for optimizing your network performance.**

In addition to the support strength, the LCS<sup>2</sup> cable management systems provide flexibility from the system design stage through to any future extensions.

## Innovative cord management cages

With individual conduit for each rack unit and door that opens in both directions.



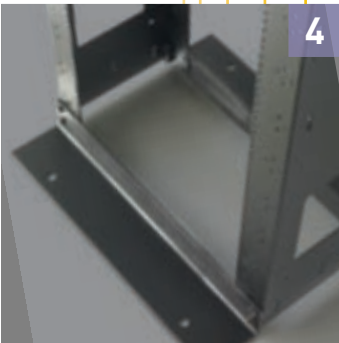
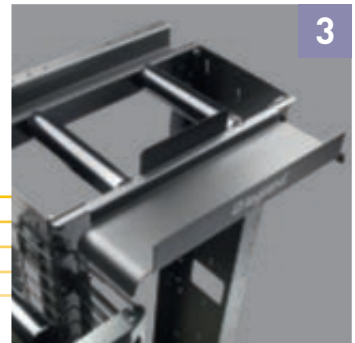
## Cord management panels with cover

With conduits for vertical and horizontal cord organization.



## Integrated upper trunking

For compliance with the bending radius and organized running of cords.



## Light stainless-steel aluminium construction

With black powder finish, resistant to marks and scratches.





# LCS<sup>2</sup> 19" Server enclosures

## Complete accessibility

The new LCS<sup>2</sup> server enclosures are designed for complete accessibility.

Complete accessibility not only via the doors and panels, but also thanks to the rooftop pre-cuts and opening of the enclosure below.



### Doors and panels with keyless lock system

- front door with handle
- perforated front and rear doors - 80% microperforation.



### Cable entry

- 19" High pre-cuts
- open bottom.



### Cable ducting

Support with screwless tray fixing - Cablofil.



4

### Power Distribution Unit

- different international outlets standards to supply energy to your active devices
- 19" and vertical PDU (direct mounting)





1

2

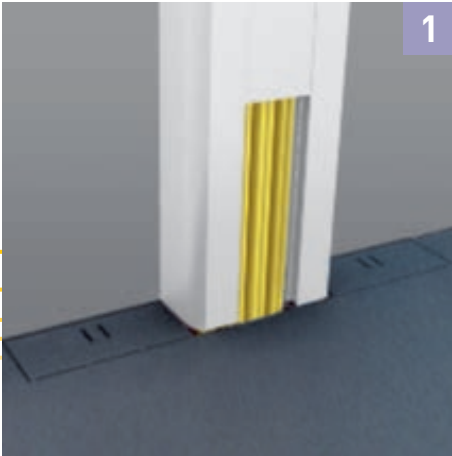
3

# 19" LCS<sup>2</sup> cabinets

## Easy access, high-quality finish

The new LCS<sup>2</sup> wall-mounting cabinets can be fitted anywhere where maintaining aesthetic quality is very important.

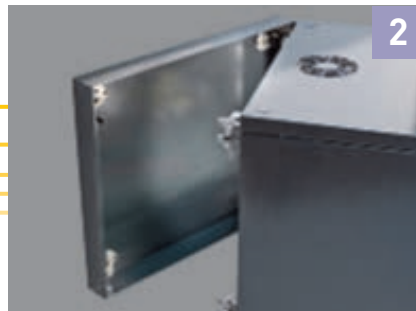
The removable side panels and flexible cable entries (in the fixed cabinets) facilitate access for quick installation and easy maintenance.



1

**Flexible cable entries**  
In DLP trunking system format.

**Total accessibility**  
Also available with pivoting body to enable easy access at the back. Removable side panels on all LCS<sup>2</sup> cabinets.



2



3

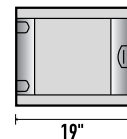
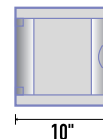


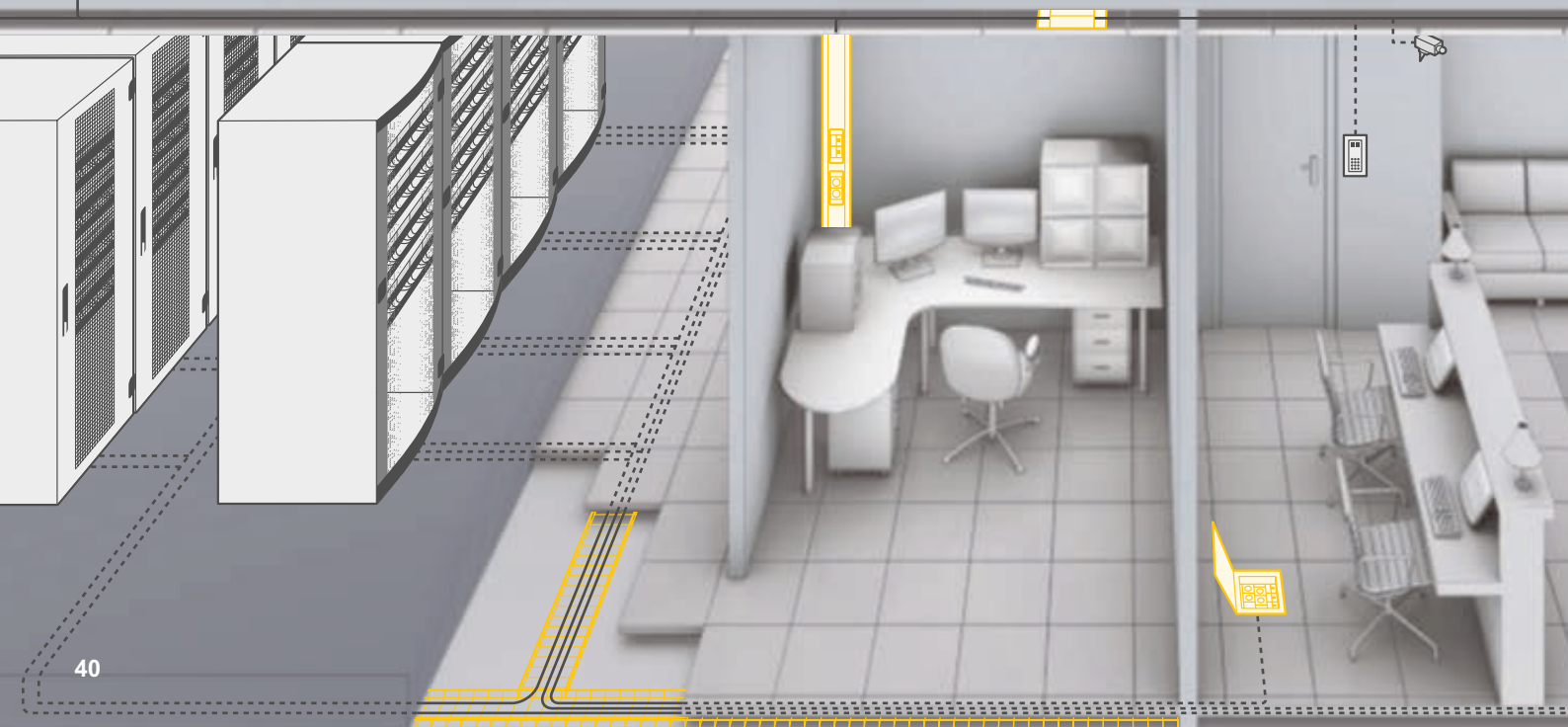
**High-quality finish**  
Curved door, screen-printed glass.

Also available in 10" version



Compact:  
LCS<sup>2</sup> cabinet for small businesses.







# LCS<sup>2</sup> WORKSTATION

## The network at your hand



### Zone distribution boxes

See pages 42 to 43



### Installation supports

See pages 44 to 45



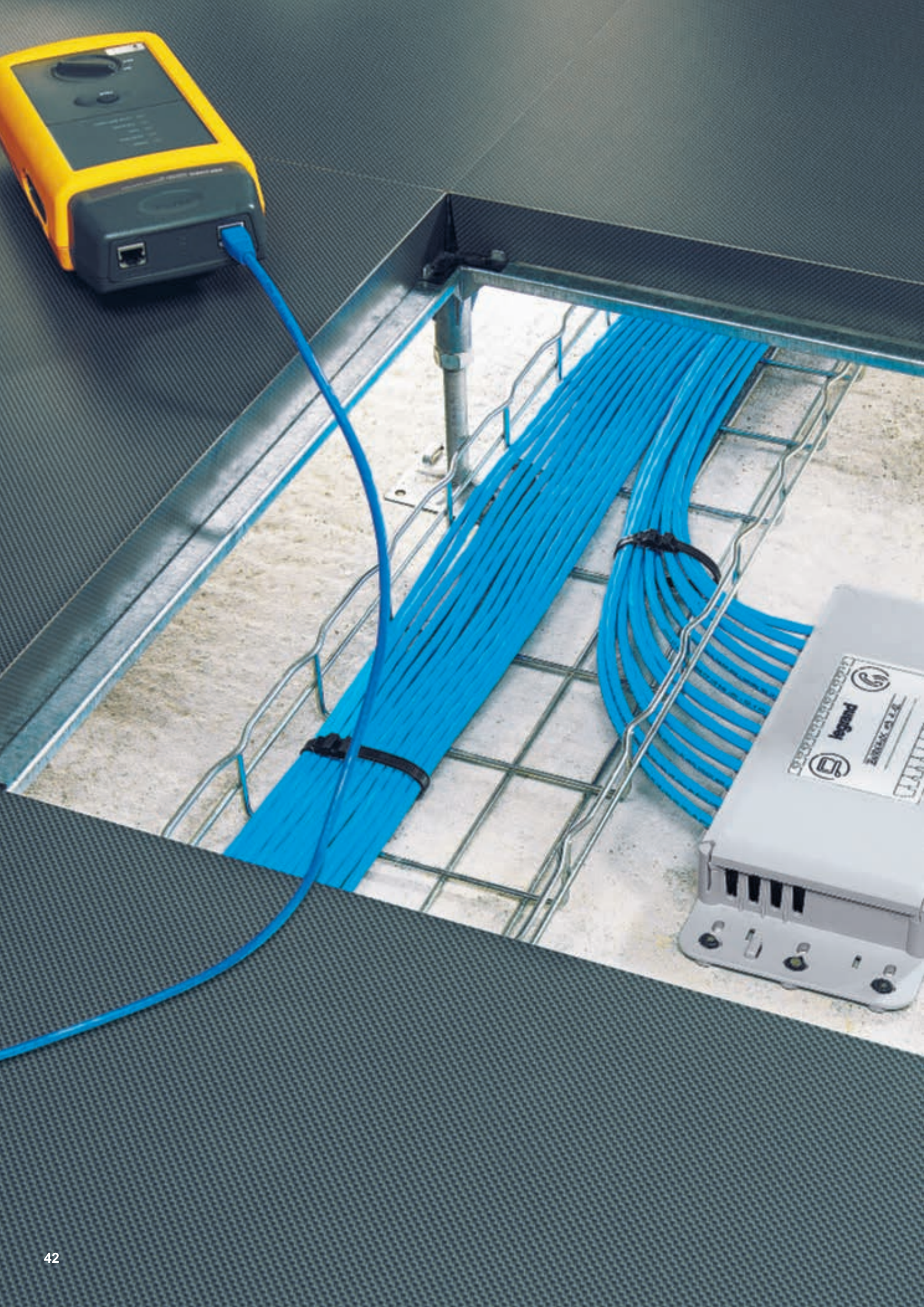
### RJ 45 Sockets

See pages 46 to 47



### Wi-Fi

See pages 48 to 49



# Zone distribution boxes of LCS<sup>2</sup> consolidate and redistribute with complete ease

**With the new LCS<sup>2</sup> zone distribution boxes connected to the Mosaic or Arteor feedthrough sockets, the result is complete flexibility.**

The connections close to the workstation are centralised, copper and fibre optic are in a single box, etc. and the LCS<sup>2</sup> performances are guaranteed.



**2 blocks of 6 connectors can be fitted to connect up to 12 RJ 45 sockets**  
Distribution close to the installation supports (see next page).

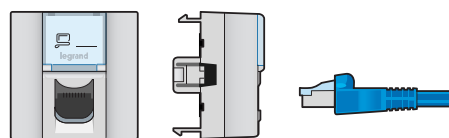


**Fibre optic/RJ 45 union**  
Copper and fibre are placed side by side in the same box.

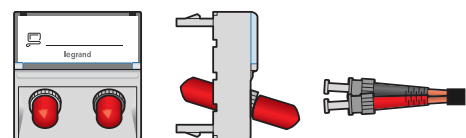


**Coil rack**  
For fibre optic.

**LCS<sup>2</sup> Mosaic or Arteor feedthrough sockets: Quick and reliable connection, installation on all supports**



RJ 45 socket with copper feedthrough for RJ 45 - RJ 45 cord.



2 x ST fibre optic feedthrough socket for optical patch cord.



# Installation support cable management systems

## Network within reach.

On the wall with trunking, on the ceiling with columns, on the ground with floor boxes and desktop multi-outlet extensions or nearby with blocks and mini-columns. They are suitable for all work space configurations.



1  
Mini-columns



2  
Columns



3  
Cablofil



4  
Snap-on trunking



5  
Floor boxes



6  
Desktop multi-outlet  
extensions



7  
Meeting room modules

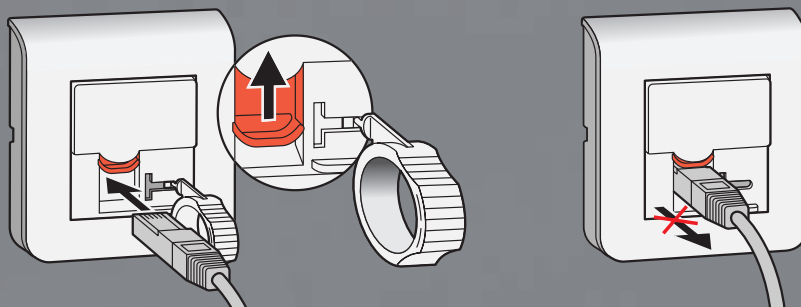


8  
Office modules

## End-to-end solutions:

Legrand cable management systems allow distribution of VDI cables and power cables from the point of entry to the workstation.





Mosaic RJ 45 socket  
with controlled access

# Organisation and safety with the new Mosaic sockets

**In the technical room, in a false ceiling or in the floor boxes and desktop multi-outlet extensions, it is necessary to identify the special networks at a single glance.**

Video surveillance, access control, adjusting the air conditioning, sensitive devices, etc. The Mosaic LCS<sup>2</sup> sockets have a coloured cover, consistent with high-current sockets.

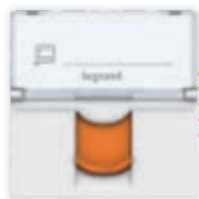
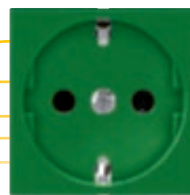
**Identify the protected supply networks** to ensure the protection of sensitive applications (for example: medical equipment).



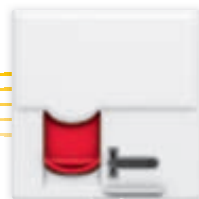
**Identify and restrict access to the uninterrupted power supply networks** to ensure continuous power supply to computer equipment.



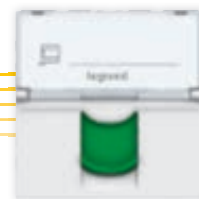
**Structure the special supply networks** to isolate the specific equipment in the building.



**Structure and protect the networks** by insulating the sensitive applications.



**Identify the sensitive information networks** and control their access using a cover that can be unlocked using a key.



**Structure the remote-supply networks** (PoE injector) to use telephone, video applications on IP, etc.

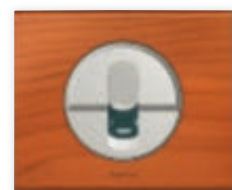
## RJ 45 Sockets with high standards of Legrand accessories



Mosaic  
White or aluminium



Arteor  
Flow of energies



Céline  
Pleasing to the eyes



# Wi-Fi that can be installed just like RJ 45 sockets

**Wi-Fi access points can be fitted anywhere where unrestricted access to the computer network is required.**

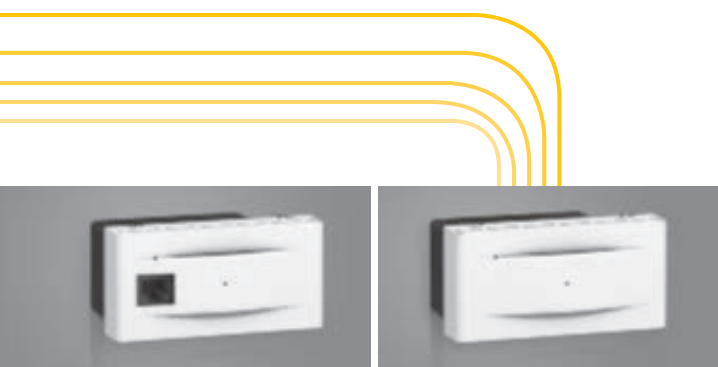
They can be fitted just like the RJ 45 sockets and on any supports. The stability of performance and the durability of products are guaranteed (see page 53).

## Wi-Fi access points: essential mobility...

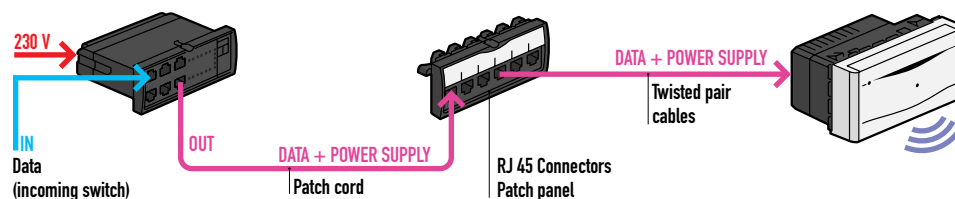
- In an environment where multiple Wi-Fi networks operate together, to optimise the available speed everywhere in the building (in compliance with 802.11 a + b/g and 802. 11 n standards).
- In reception areas and passages, to provide network access anywhere in the building (in compliance with the 802.11 b/g and 802. 11 n standards).
- In shared work areas, to connect a computer permanently and provide a wireless connection to temporary users (in compliance with the 802.11 a + b/g and 802. 11 n standards).

## The Wi-Fi access points can be mounted on any support:

Columns, mini-columns, snap-on trunking, floor boxes, etc., mural or on Cablofil.



**LCS<sup>2</sup> PoE injector:**  
Power supply to Wi-Fi access points from the patch panels

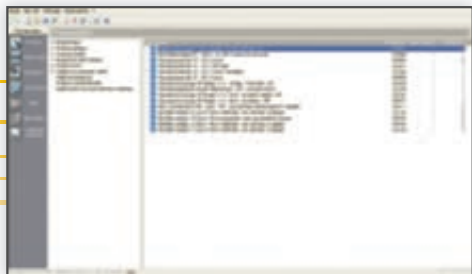




# New LCS Pro<sup>2</sup> software

## Your LCS<sup>2</sup> enclosure in a few clicks

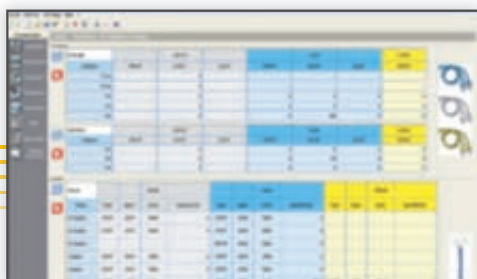
With the new LCS Pro<sup>2</sup> software, you can now very easily and quickly select your products, view your enclosure, etc.



**Automatic determination** of catalogue numbers by selecting the features and options.



**Visual display of the installation** of the enclosure, modifications possible.



**Easy management of studies**  
Technical records, purchase orders, document printing.

### For more information

Check the LCS Pro<sup>2</sup> software downloadable from [www.legrandgroup.com](http://www.legrandgroup.com)



# Structured cabling classes: A top-level training at Innoval

**Being in close contact with engineers at the cutting edge of technological advances, Legrand trainers offer you practical classes in workshops.**

These are experienced people who understand your business and speak your language. We offer you very useful and practical classes.



## **Comprehensive classes**

- Copper installation: essential for commercial sites
- Optical fibre: use and testing of an installation
- Copper: use and testing of an installation.



## **Classes to understand different methods**

of using an optical backbone and of connecting and testing the optical links, as per the standards in force.



**Classes to convert the telephone and computer network** needs of your clients into complete and upgradeable solutions, and cabling them as per the standards in force.

# Assurance of performance



## Two guarantees to ensure the durability of your installations

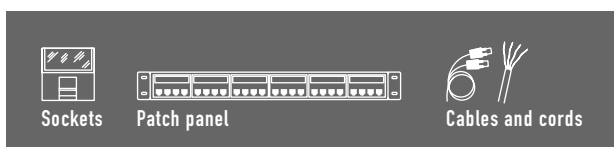
The 20-year performance guarantee:

Legrand offers the installer the guarantee of continuity of performance levels of an LCS<sup>2</sup> cat. 6A, LCS<sup>2</sup> cat. 6 or LCS<sup>2</sup> cat. 5e system on link or channel over time.

The 20-year components guarantee: Legrand offers the installer the possibility of extending the usual guarantee from 2 years to 20 years on all products used in link or channel.

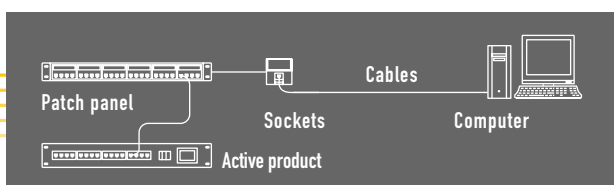
**- The components guarantee of the LCS<sup>2</sup> cat. 6A, LCS<sup>2</sup> cat. 6 or LCS<sup>2</sup> cat. 5e systems:** Legrand offers an extended guarantee on the components of the LCS<sup>2</sup> cat. 6A, LCS<sup>2</sup> cat. 6 or LCS<sup>2</sup> cat. 5e systems. 20 years for the components of channel or link, i.e. patch panels, RJ 45 sockets, cables and cords.

The contractual 2-year guarantee on these products is thus extended to 20 years.



## - The channel performance guarantee:

A channel is defined by the standards as being an assembly consisting of the following components: patch cord, patch panel, cable, RJ 45 socket, user cord. During acceptance testing, the performance of the channel is measured over a maximum length of 100 m. It must remain constant over time.



## The performance of an installation must stand the test of time.

This is why Legrand guarantees the performance and the components of its LCS<sup>2</sup> cat. 6A, cat. 6 and cat. 5e systems over the entire channel or link for 20 years.

## Conditions of the 20-year Performance Guarantee

As with any guarantee contract, certain conditions must be met in order to qualify for the Legrand 20-year Performance Guarantee. These conditions are naturally within the capabilities of any company specialised in the installation of structured cabling systems.

The main conditions are given below (extracts from the 20-year Performance Guarantee issued by Legrand). The installer has stored the components in storage conditions suitable for their type.

The installation has been built in strict compliance with good practice and abiding by all the conditions listed below.

All the components used in the cabling system must be Legrand LCS<sup>2</sup> cat. 6A, LCS<sup>2</sup> cat. 6 or LCS<sup>2</sup> cat. 5e Cabling Systems components.

All the patch cords used must be original Legrand products.

The max. length of a cord must be 5 m.

The installation must be built in accordance with the recommendations defined in installation standards EN 50174, EN 55022 and UTE C 15-900 in force at the time of issue of the guarantee.

Prior to the signature of the guarantee contract, Legrand will check that the installation acceptance test data comply with the values specified in the standard.

The installer must submit the following 4 documents to Legrand:

- The installation acceptance test for the link or the channel
- The "14 key points of a high performance installation" form, ticked and signed as agreement on its part of having complied with the 14 points
- A full list of the products installed
- An installation diagram of the patch cabinets and the RJ 45 sockets.

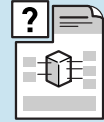
Any subsequent modifications or extensions must comply with the conditions listed above.





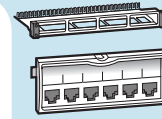
# LCS<sup>2</sup>, structured cabling systems

## LCS<sup>2</sup> systems

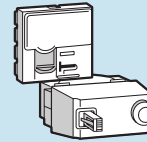


**P. 56**  
Presentation  
of the system

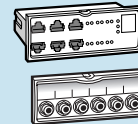
## LCS<sup>2</sup> copper



**P. 62**  
LCS<sup>2</sup>, cat. 6A  
patch panels  
and blocks

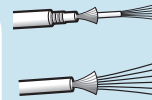


**P. 68**  
LCS<sup>2</sup>, cat. 6  
RJ 45 sockets



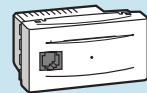
**P. 74**  
LCS<sup>2</sup> additional  
products and  
doublers

## LCS<sup>2</sup> fibre optic



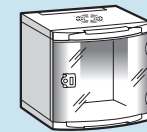
**P. 77**  
LCS<sup>2</sup>,  
optical cables

## Wi-Fi access points and audio/ video system (AVS)

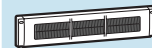


**P. 84**  
Switch and Wi-Fi  
access points  
Mosaic™ Programme

## LCS<sup>2</sup>, enclosures and cabinets



**P. 92**  
LCS<sup>2</sup>,  
19" cabinets



**P. 97**  
Cabinet plinths  
and cable entries

## NEW PRODUCTS



**Fibre optic floor  
distribution  
cabinets**  
(p. 78)



**Audio/video  
system (AVS)**  
(p. 86)



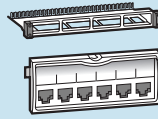
**P. 58**  
LCS<sup>2</sup> equipment  
and enclosures  
Selection chart



**P. 63**  
LCS<sup>2</sup>, cat. 6A  
cables and cords



**P. 64**  
LCS<sup>2</sup>, cat. 6A  
RJ 45 sockets



**P. 66**  
LCS<sup>2</sup>, cat. 6  
patch panels  
and blocks



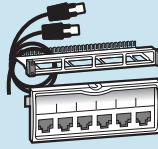
**P. 67**  
LCS<sup>2</sup>, cat. 6 cables  
and cords



**P. 70**  
LCS<sup>2</sup>, cat. 6A,  
6 and 5e area  
distribution  
boxes and cords



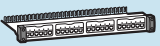
**P. 71**  
LCS<sup>2</sup>, cat. 6 and  
5e feedthroughs  
sockets



**P. 72**  
LCS<sup>2</sup>, cat. 5e  
patch panels,  
blocks cables  
and cords



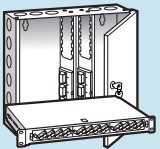
**P. 73**  
LCS<sup>2</sup>, cat. 6 5e  
RJ 45 sockets



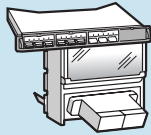
**P. 76**  
Telephone,  
panels units  
and cables



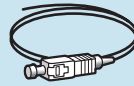
**P. 76**  
LCS<sup>2</sup>, system  
installation  
accessories



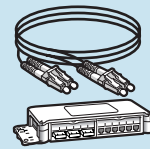
**NEW**  
**P. 78**  
LCS<sup>2</sup>, floor  
distribution cabinets  
and 19" high  
density drawers



**P. 79**  
LCS<sup>2</sup>, 19" fibre  
optic drawer  
and fibre  
sockets



**NEW**  
**P. 80**  
LCS<sup>2</sup>, optic  
connectors and  
pigtails



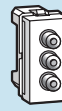
**P. 82**  
LCS<sup>2</sup>, area  
distribution boxes  
and optical patch  
cords



**P. 86**  
Presentation of  
the audio/video  
system



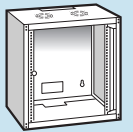
**NEW**  
**P. 87**  
AVS, cabinets,  
patch panels,  
cords and cables



**NEW**  
**P. 88**  
AVS,  
Arteor™  
sockets



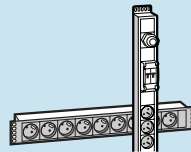
**NEW**  
**P. 90**  
AVS,  
Mosaic™  
Programme  
sockets



**P. 93**  
LCS<sup>2</sup>,  
Linkeo 19"  
cabinets



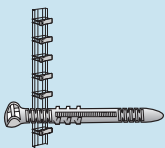
**P. 94**  
LCS<sup>2</sup>,  
19" equipment



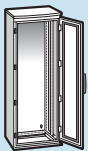
**NEW**  
**P. 95**  
LCS<sup>2</sup> Power  
Distribution Units



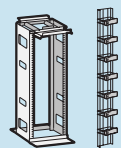
**P. 96**  
LCS<sup>2</sup>,  
19" freestanding  
cabinets



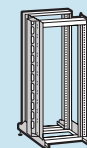
**P. 98**  
LCS<sup>2</sup>,  
cable  
management



**P. 99**  
LCS<sup>2</sup>  
19" Altis™  
cabinet



**P. 100**  
LCS<sup>2</sup> 19" HD  
(High Density)  
racks



**NEW**  
**P. 101**  
LCS<sup>2</sup> 19" bati-rack  
and accessories



**LCS<sup>2</sup> Power  
Distribution Units  
(p. 95)**



**19" bati-rack  
(p. 101)**

# LCS<sup>2</sup> performance from technical room to workstation

The new LCS<sup>2</sup> system integrates perfectly in various other Legrand solutions:  
DLP trunking system, cabling accessories, cable management, etc.

## DISCOVER A COMPLETE SOLUTION

### A perfect connection from the cabinet to the socket

- Cabinets: 19" or 10" wall-mounting cabinets, freestanding and server freestanding cabinets for an easy installation and efficient maintenance
- Cat. 6A, cat. 6 and cat. 5e: patch panels, units of connectors, RJ 45 sockets, cables and cords



▶▶▶ Wall-cabinets and freestanding cabinets, p. 92 to 101



▶▶▶ Cables and cords, p. 63, 67, 72, 77, 83



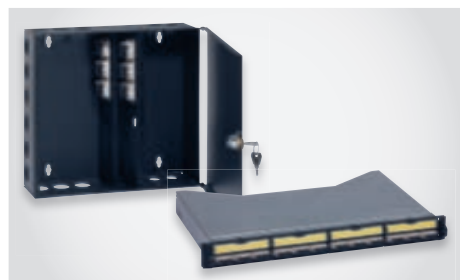
▶▶▶ Patch panels and units, p. 62, 66, 72



▶▶▶ Sockets, p. 64, 65, 68, 69, 73, 79

### Additional components for performance and extension

- Fibre optic: simple and reliable option
- Area distribution boxes: for consolidation and redistribution
- Wi-Fi access points: For fitting just like RJ 45 sockets and on other supports



▶▶▶ Fibre optic, p. 77 to 83



▶▶▶ Area distribution boxes, p. 70



▶▶▶ Wi-Fi access points, p. 84-85



## **+** MORE INFORMATION

Get detailed information on many digital or printed supports, or contact your Area Commercial Manager



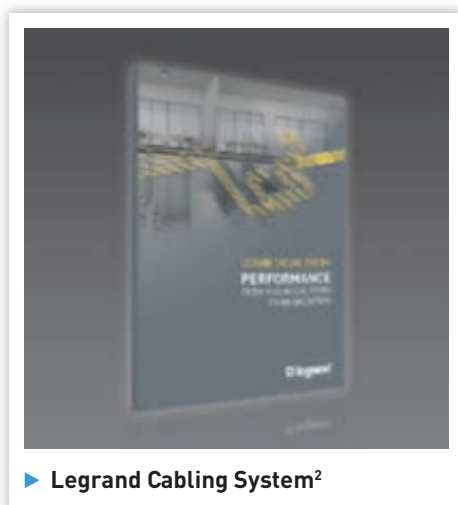
▶ [www.legrand.com](http://www.legrand.com)



▶ E-catalogue



▶ LCS Pro<sup>2</sup> software



▶ Legrand Cabling System<sup>2</sup>



▶ QR-code

# horizontal and vertical cabling

configure your LCS<sup>2</sup> system

## SELECT LCS<sup>2</sup> PANELS AND CONNECTOR UNITS (p. 62, 66, 72)

			LCS <sup>2</sup> cat. 6A	LCS <sup>2</sup> cat. 6	LCS <sup>2</sup> cat. 5e
	Patch panels 1U Fitted with 24 connectors	STP	0 335 73	0 335 63	-
		UTP	0 335 84	0 335 61	0 335 51
	Units of 6 x RJ 45 connectors	STP	0 335 76	0 335 66	-
		UTP	0 335 77	0 335 64	0 335 54
	Blanking plate		0 335 91	0 335 91	0 335 91
	Patch panel 1 U To be fitted with 4 units		0 335 90	0 335 90	0 335 90

## SELECT ADDITIONAL LCS<sup>2</sup> PANELS AND UNITS (p. 74-75)

			LCS <sup>2</sup>	
	Telephone panels 1 U Fitted with 4 x 12 port extensions	3-6/4-5 contacts (digital)	0 335 31	
		4-5/7-8 contacts (analogue)	0 335 30	
	Telephone extensions Fitted with 12 ports	3-6/4-5 contacts (digital)	0 335 33	
		4-5/7-8 contacts (analogue)	0 335 32	
	Doubler units	Ethernet/Ethernet UTP	0 335 38	
		Telephone/Ethernet UTP	0 335 36	
		Telephone/telephone	0 335 35	
	Video streaming unit	6 x "F" connectors	0 335 34	
	Switch units	7 x RJ 45 ports	0 335 02	
		6 x RJ 45 ports + 1 LC type optic port	0 335 05	
	Power over Ethernet (PoE) injector	4 ports	0 335 01	

## SELECT FIBRE OPTIC EQUIPMENT (p. 78-80)

			Monomode	Multimode
	For 6 fibres	LC units	0 335 13	0 335 18
		SC units	0 335 12	0 335 17
		ST units	-	0 335 16
	For 12 fibres	High density - LC	-	0 335 19
	Copper/fibre optic converters	10/100 base T to 10/100 base SX	-	0 335 06
		1000 base T to 1000 base SX/LX	-	0 335 07
	Switch units	6 x RJ 45 ports + 1 LC type optic port	0 335 05	0 335 05
	Fibre optic cabinets 1 U - For 4 fibre optic units		0 335 10	0 335 10
	Fibre optic cassettes for patch panel - For 1 fibre optic unit		0 335 11	0 335 11

Audio/Video applications (see p. 86)

# horizontal and vertical cabling

configure your LCS<sup>2</sup> system (continued)

## SELECT RJ 45 SOCKETS AND WI-FI MOSAIC ACCESS POINTS (p. 64-65, 68-69, 73, 84)

				LCS <sup>2</sup> cat. 6A	LCS <sup>2</sup> cat. 6	LCS <sup>2</sup> cat. 5e
	1 module	STP	White	0 765 73	0 765 63	-
		UTP	White	0 765 71	0 765 61	0 765 51
	2 modules	STP	White	0 765 76	0 765 66	-
		UTP	White	0 765 74	0 765 64	0 765 54
	2 modules with 45° inclined	STP	White	0 765 08	-	-
		UTP	White	0 765 09	0 765 03	0 765 01
	With controlled access	STP	White	0 765 99	0 765 96	-
		UTP	White	0 765 90	0 765 94	0 765 97
	Sockets at 90°	STP	White	0 765 84	0 765 93	-
		UTP	White	-	0 765 91	-
	Antimicrobial	STP	White	0 765 84	0 765 83	-
		UTP	White	-	0 765 81	-
	2 x RJ 45 sockets	UTP	White	-	0 765 44	0 765 41
	Green shutter	STP	White	0 765 24	-	-
		UTP/FTP	White	-	0 765 22	-
	Orange shutter	STP	White	0 765 25	-	-
		UTP/FTP	White	-	0 765 23	-
	Copper feedthroughs	UTP	White	-	0 786 22	0 786 20
Doubler sockets	Ethernet/Ethernet	UTP	0 765 38	0 765 38	0 765 38	
	Telephone/Ethernet	UTP	0 765 36	0 765 36	0 765 36	
	Telephone/telephone		0 765 35	0 765 35	0 765 35	
Manageable Wi-Fi access points	With RJ 45 socket, dual-band and dual-radio		0 779 14	0 779 14	0 779 14	
	Dual-band and dual-radio		0 779 13	0 779 13	0 779 13	

## SELECT 19" LCS<sup>2</sup> FEEDTHROUGH PANELS (p. 94)

	Metal, 2 axes, quick-fixing	1 U	0 465 22
		2 U	0 465 23
	Plastic with brushes, direct clipping	1 U	0 465 28
		2 U	0 465 29
	Metal with brushes, quick-fixing	1 U	0 465 30
		2 U	0 465 31

## 19" POWER DISTRIBUTION UNITS (PDU) (p. 95)

	PDU 2P+E - 2 U	9 x 2P+E sockets	French standard	0 465 50
			German standard	0 465 60
		12 x C13 sockets		0 465 51
		9 x C19 sockets		0 465 52
		6 x 2P+E sockets	French standard	0 465 54
			German standard	0 465 62
		6 x 2P+E sockets Switch with indicator	French standard	0 332 88
		6 x 2P+E sockets Circuit breaker	French standard	0 332 37
			German standard	0 332 38
		6 x 2P+E sockets Tamperproof (UPS)	French standard	0 332 87
		5 x 2P+E sockets	British standard	6 339 00
		6 x 2P+E sockets	British standard	0 465 65
PDU with surge protector - 2 U	6 x 2P+E	0 332 78		
PDU to be equipped - 2 U	Takes 16 Mosaic modules	0 332 79		
DIN rail kit IP 2X - 2 U	For modules appliances	0 465 45		

# horizontal and vertical cabling

configure your LCS<sup>2</sup> system (continued)

## VERTICAL POWER DISTRIBUTION UNITS (PDU) (p. 95)

	PDU 2P+E	24 x 2P+E sockets	French standard	0 465 80
			German standard	0 465 88
			British standard	0 465 89
		24 x C13 sockets		0 465 81
		24 x C13 + 6 x C19 sockets Cord with IEC 60309 plug		0 465 84
		24 x C13 + 3 x C19 sockets Cord with IEC 60309 plug 3-phase supply		0 465 85

## SELECT FIBRE OPTIC PATCH CORDS (p. 83)

			OS1/OS2 (UPC) monomode 9/125 µm	OM 3 multimode 50/125 µm	OM 2 multimode 50/125 µm
	SC/SC duplex cords	1 m	0 326 00	0 326 09	0 330 69
		2 m	0 326 01	0 326 10	0 330 70
		3 m	0 326 02	0 326 11	0 330 71
	SC/LC duplex cords	1 m	0 326 03	0 326 12	0 330 75
		2 m	0 326 04	0 326 13	0 330 63
		3 m	0 326 05	0 326 14	0 330 76
	ST/SC duplex cords	2 m	-	-	0 330 72
		3 m	-	-	0 330 73
	LC/LC duplex cords	1 m	0 326 06	0 326 15	-
		2 m	0 326 07	0 326 16	0 330 61
		3 m	0 326 08	0 326 17	-

## SELECT OPTIC CABLES (2000 m REELS) (p. 77)

	Internal/external, anti-rodent	6 fibres	0 325 12	0 325 10	0 325 08
		12 fibres	0 325 14	0 325 11	0 325 09
	External, anti-rodent reinforced steel	6 fibres	0 325 13	-	-

## SELECT PATCH CORDS AND RJ 45 USER CORDS (p. 63, 67, 72)

	S/FTP	Impedance 100 Ohms	1 m	0 517 80	0 517 52	-
			2 m	0 517 81	0 517 53	-
			3 m	0 517 82	0 517 54	-
			5 m	0 517 83	0 517 55	-
	F/UTP	Impedance 100 Ohms	1 m	-	0 517 62	0 516 40
			2 m	-	0 517 63	0 516 41
			3 m	-	0 517 64	0 516 42
			5 m	-	0 517 65	0 516 43
	U/UTP	Impedance 100 Ohms	1 m	0 518 82	0 517 72	-
			2 m	0 518 83	0 517 73	-
			3 m	0 518 84	0 517 74	-
			5 m	0 518 85	0 517 75	-

## SELECT COPPER CABLES (305 or 500 m REELS) (p. 63, 67, 72)

	S/FTP	4 pairs	500 m	0 327 77	-	-
	SF/UTP	4 pairs	500 m	-	0 327 57	-
		2 x 4 pairs	500 m	-	0 328 59	-
	F/UTP	4 pairs	305 m	-	0 328 56	0 327 52
		2 x 4 pairs	500 m	0 327 78	0 327 56	0 328 50
			500 m	0 328 78	0 327 76	0 327 74
	U/UTP	4 pairs	305 m	-	0 327 54	0 327 50
			500 m	0 327 87	0 328 61	0 328 53
		2 x 4 pairs	500 m	-	0 328 63	-

## SELECT 19" LCS<sup>2</sup> WALL-MOUNTING CABINETS AND EQUIPMENT (p. 92)

			FIXED		PIVOTING
			Depth 400 mm	Depth 580 mm	Depth 600 mm
	6 U	Height 350 mm	0 462 00	-	-
	9 U	Height 500 mm	0 462 01	0 462 06	0 462 11
	12 U	Height 600 mm	0 462 02	0 462 07	0 462 12
	16 U	Height 800 mm	0 462 03	0 462 08	0 462 13
	21 U	Height 1000 mm	-	0 462 09	0 462 14
	Fixed shelves	Depth 115 mm	0 465 00	0 465 00	0 465 00
		Depth 200 mm	0 465 01	0 465 01	0 465 01
		Depth 360 mm	-	0 465 02	0 465 02
	Equipment	Cable entry plate with brush	-	-	0 462 55
		230 V~ fan	0 462 60	0 462 60	0 462 60
		Thermostat	0 348 48	0 348 48	0 348 48
		Set of 4 casters	-	-	0 462 64

19" HD racks and  
bati-rack (see p. 100-101)

# horizontal and vertical cabling

configure your LCS<sup>2</sup> system (continued)

SELECT 19" LCS <sup>2</sup> FREESTANDING CABINETS (p. 96)		Depth 600 mm	Depth 800 mm	Depth 1000 mm	
	24 U	Width 600 mm	0 463 00	-	
	29 U	Width 600 mm	0 463 06	-	
	33 U	Width 600 mm	0 463 12	-	
	42 U	Width 600 mm	0 463 18	0 463 19	-
		Width 800 mm	0 463 21	0 463 22	0 463 23
	42 U extension <sup>(1)</sup>	Width 600 mm	0 463 30	-	-
		Width 800 mm	-	0 463 33	-
47 U	Width 800 mm	-	0 463 28	0 463 29	
SELECT EQUIPMENT FOR 19" LCS <sup>2</sup> FREESTANDING CABINETS (p. 94, 96)		For cabinet depth 600 mm	For cabinet depth 800 mm	For cabinet depth 1000 mm	
	42 U cabling unit		0 463 34	0 463 35	-
	Joining kit		0 463 37	0 463 38	0 463 39
	Fixed shelf Fixing on 2 x 19" uprights	Depth 115 mm	0 465 00	0 465 00	0 465 00
		Depth 200 mm	0 465 01	0 465 01	0 465 01
		Depth 360 mm	0 465 02	0 465 02	0 465 02
	Fixed shelf Fixing on 4 x 19" uprights	50 kg max., 1 U	0 465 05	0 465 06	0 465 07
		100 kg max., 2 U	-	-	0 465 17
Telescopic shelf. Fixing on 4 x 19" uprights		0 465 08	0 465 09	0 465 10	
SELECT 19" LCS <sup>2</sup> SERVER FREESTANDING CABINETS (p. 96)		Depth 1000 mm			
	42 U	Width 600 mm	0 463 85		
		Width 800 mm	0 463 86		
SELECT EQUIPEMENT FOR 19" LCS <sup>2</sup> SERVER FREESTANDING CABINETS (p. 94,96)		Depth 1000 mm			
	Joining kit		0 463 39		
	Fixed shelf. Screw fixing on 4 x 19" uprights, 100 kg max., 1 U		0 465 17		
	Telescopic shelf. Screw fixing on 4 x 19" uprights, 100 kg max., 2 U		0 465 18		
	Set of 4 casters for server enclosure, 500 kg max.		0 464 82		
SELECT PLINTH FOR LCS <sup>2</sup> FREESTANDING CABINETS AND SERVER FREESTANDING CABINETS (p. 97)					
	Plinth kit, height 100 mm	For cabinet width 600 mm	0 464 50		
		For cabinet width 800 mm	0 464 51		
	Set of 2 plain side traps	For cabinet depth 600 mm	0 464 54		
		For cabinet depth 800 mm	0 464 56		
		For cabinet depth 1000 mm	0 464 58		
Plinth for cabling unit, trap height 100 mm		0 464 64(2)			
SELECT CABLE ENTRIES FOR LCS <sup>2</sup> FREESTANDING CABINETS AND SERVER FREESTANDING CABINETS (p. 97)					
	Plastic plate with brushes, direct clipping	1 U	0 465 28		
		2 U	0 465 29		
	Metal plate with brushes	1 U	0 465 30		
		2 U	0 465 31		
SELECT THERMAL MANAGEMENT EQUIPMENT AND ACCESSORIES FOR LCS <sup>2</sup> FREESTANDING CABINETS AND SERVER FREESTANDING CABINETS (p. 97)					
	19" plates 3U with 230 V fans	2 fans	0 464 87		
		3 fans	0 464 88		
	Thermostat	Adjustable range 5 to 60 °C	0 348 48		
	Set of 4 casters	380 kg max.	0 464 83		
SELECT CABLING MANAGEMENT EQUIPMENT FOR LCS <sup>2</sup> FREESTANDING CABINETS AND SERVER FREESTANDING CABINETS (p. 98)					
	Set of 3 cable management supports	For cabinet width/depth 600 mm	0 464 72		
		For cabinet width/depth 800 mm	0 464 73		
		For cabinet depth 1000 mm	0 464 74		
	Flat cable trays	For cabinet 33 U	0 464 76		
		For cabinet 42 U	0 464 77		
	Vertical cable manager	For cabinet 42 U, width 800 mm	0 464 80		
	Vertical extension	For cabinet 42 U, width 800 mm	0 464 81		
OTHER EQUIPMENT FOR 19" LCS <sup>2</sup> FREESTANDING CABINETS AND SERVER FREESTANDING CABINETS (p. 94, 97, 98)					

1: Cabinets without lateral panel supplied with joining kit  
2: Double the number of traps for a height of 200 mm

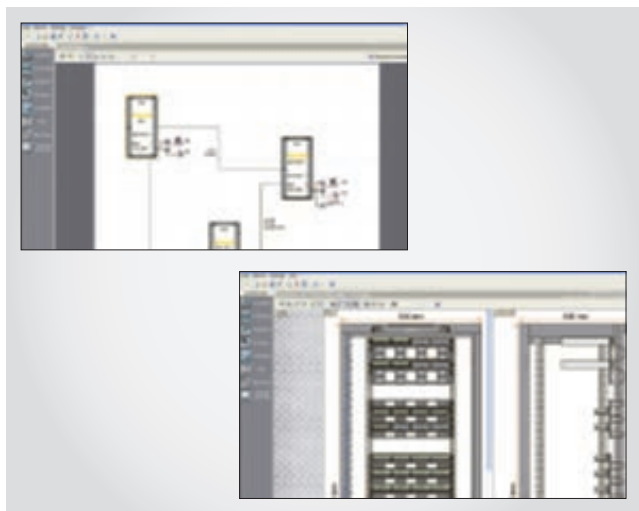


# Your LCS<sup>2</sup> cabinet in a few clicks

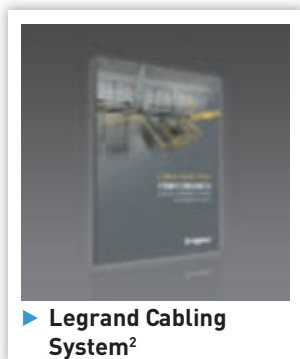
The new LCS Pro<sup>2</sup> software lets you quickly and easily select your products, view your cabinet, and more

## DISCOVER THE NEW FEATURES

- make the synoptic of your installation
- find automatically Cat.Nos by selecting characteristic options
- visualise the cabinet installation and amend it if required
- manage your studies: technical summaries, purchase orders, document printing

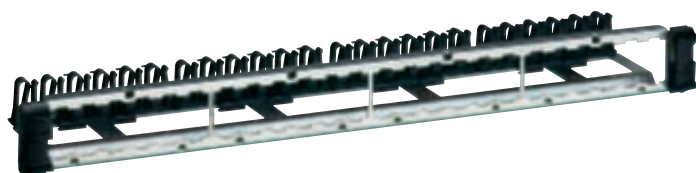


## + MORE INFORMATION



## Legrand cabling system LCS<sup>2</sup> category 6A

patch panels, blocks of connectors



Connector cat. 6A shielded STP

Pack	Cat.Nos	Patch panel cat. 6A 24 x RJ 45 connectors
		Panel supplied with quick-fixing Panel ensures automatic grounding of each connector Fitted with rear cable guide to hold cables during maintenance Fitted with 4 units of 6 LCS <sup>2</sup> RJ 45 connectors cat. 6A with fast connection thanks to integrated crimping, with wiring schemes T 568 A and T 568 B Supplied with numbered colour labels Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-2 and TIA/EIA 568C 19" panel - 1 U
1	0 335 84	UTP panel - 8 contacts
1	0 335 85	UTP high density panel - 8 contacts
1	0 335 73	STP - Metal shielding 360°
1	0 335 86	STP high density panel - 360° metal shielding

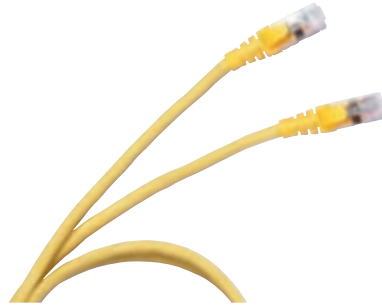
Pack	Cat.Nos	Modular panel
		Panel supplied with quick-fixing Panel ensures automatic grounding of each connector Fitted with rear cable guide to hold cables during maintenance Modular empty panel for up to 4 units Take the following equipment: - units of 6 x LCS <sup>2</sup> RJ 45 connectors - telephone inlet units - fibre optic units - PoE injector units - video streaming units - switch units - telephone/Ethernet doubler units - copper/fibre optic converter units - blanking plates 19" panel - 1 U
1	0 335 90	

Pack	Cat.Nos	Units of 6 x RJ 45 connectors cat. 6A
		Fitted with 6 x LCS <sup>2</sup> RJ 45 connectors cat. 6A with fast connection thanks to integrated crimping, with wiring schemes T 568 A and T 568 B Supplied with colour labels Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-2 and TIA/EIA 568C
2	0 335 77	UTP unit - 8 contacts
2	0 335 76	STP unit - metal shielding 360°
10	0 335 91	Blanking plate for 19" panel - Black

# Legrand cabling system LCS<sup>2</sup>

## category 6A

cables and cords



0 327 77

Pack	Cat.Nos	Cables for local networks cat. 6A
500 <sup>1</sup>	0 327 87	<p>Cables 4 pairs or 2 x 4 twisted pairs 100 ohms LSZH sleeve: halogen-free Yellow RAL 1018 Colour code TIA/EIA Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C Performance 500 MHz</p> <p><b>LSZH</b></p> <p><b>U/UTP - 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg</p>
500 <sup>1</sup>	0 327 78	<p><b>F/UTP - 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg</p>
500 <sup>1</sup>	0 328 78	<p><b>F/UTP - 2 x 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 65 kg</p>
500 <sup>1</sup>	0 327 77	<p><b>S/FTP - 4 pairs</b> Performance 600 MHz Length 500 m Supplied on reel. Weight 30 kg</p>

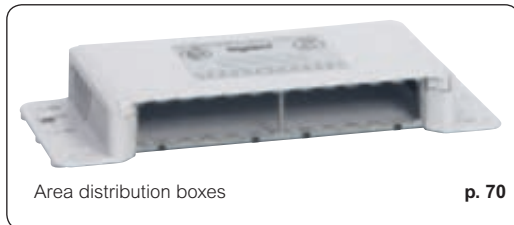
Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 6A
5	0 518 82	<p>RJ 45 - RJ 45 right Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C</p> <p><b>PVC</b></p> <p><b>U/UTP unscreened impedance 100 Ω</b> Length 1 m</p>
5	0 518 83	Length 2 m
5	0 518 84	Length 3 m
5	0 518 85	Length 5 m
5	0 518 78	<p><b>LSZH</b></p> <p>Length 1 m</p>
5	0 518 79	Length 2 m
5	0 518 80	Length 3 m
5	0 518 81	Length 5 m
5	0 518 74	Length 1 m
5	0 518 75	Length 2 m
5	0 518 76	Length 3 m
5	0 518 77	Length 5 m
5	0 517 80	<p><b>PVC</b></p> <p><b>S/FTP shielded impedance 100 Ω</b> Length 1 m</p>
5	0 517 81	Length 2 m
5	0 517 82	Length 3 m
5	0 517 83	Length 5 m
5	0 518 70	<p><b>LSZH</b></p> <p>Length 1 m</p>
5	0 518 71	Length 2 m
5	0 518 72	Length 3 m
5	0 518 73	Length 5 m
5	0 518 66	Length 1 m
5	0 518 67	Length 2 m
5	0 518 68	Length 3 m
5	0 518 69	Length 5 m

1: in metre(s)

# Legrand cabling system LCS<sup>2</sup>

## category 6A

### RJ 45 sockets - Mosaic™ Programme



Can be integrated in all supports (see general catalogue)  
 Mechanisms to be equipped with support frames and plates (see general catalogue)  
 With LCS<sup>2</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

#### Mosaic Programme RJ 45 sockets cat. 6A

Pack	Cat.Nos	
		<b>STP - 1 module</b> 360° metal shielding
10	0 765 73	○ White
10	0 765 84	○ White antimicrobial
10	0 794 73	● Aluminium
		<b>STP - 2 modules</b> 360° metal shielding
10	0 765 76	○ White
10	0 794 76	● Aluminium
10	0 765 24	○ White with green shutter
10	0 765 25	○ White with orange shutter
10	0 765 08	○ White
		<b>STP with controlled access - 2 modules</b> 360° metal shielding Supplied with 2 keys for 5 sockets
5	0 765 99	○ White with red shutter
		<b>UTP - 1 module</b>
10	0 765 71	○ White
10	0 794 71	● Aluminium
10	0 765 26	○ White with green shutter
10	0 765 27	○ White with orange shutter
		<b>UTP - 2 modules</b>
10	0 765 74	○ White
10	0 794 74	● Aluminium
		<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets
5	0 765 90	○ White with red shutter
10	0 765 09	○ White

#### Keystone RJ 45 sockets cat. 6A

Pack	Cat.Nos	
10	0 331 54	STP socket - metal shielding 360° with fast connection thanks to integrated crimping
10	0 331 55	UTP socket - with fast connection thanks to integrated crimping

## Legrand cabling system LCS<sup>2</sup>

### category 6A

RJ 45 sockets - Arteor



5 723 06 + plate 5 765 40



5 723 50



5 728 49

Mechanisms supplied with square rocker plates, to be equipped with support frames and plates (see general catalogue)

Can be integrated in all supports

With LCS<sup>2</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables

Contacts marked with dual colour code and wiring schemes T568 A and T 568 B

Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

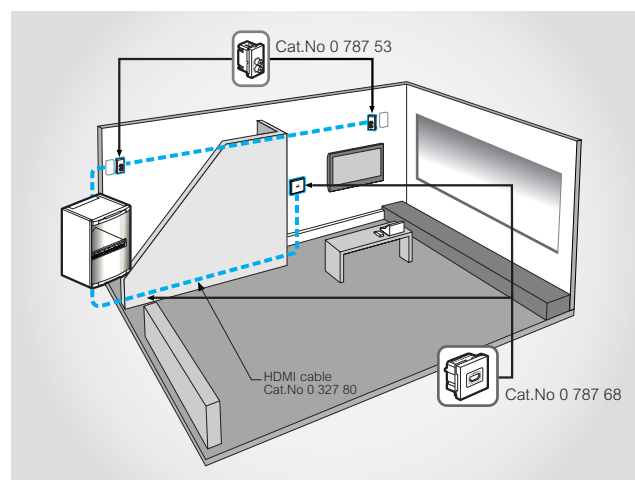
Pack	Cat.Nos	Arteor RJ 45 sockets cat. 6A
		360° metal shielding
		<b>STP - 1 module</b>
10	5 723 06	○ White
10	5 728 06	● Magnesium
10	5 723 51	○ White with orange shutter
10	5 728 51	● Magnesium with orange shutter
10	5 723 52	○ White with green shutter
10	5 728 52	● Magnesium with green shutter
		<b>STP with controlled access - 2 modules</b>
		Supplied with 2 keys for 5 sockets
5	5 723 50	○ White with red shutter
5	5 728 50	● Magnesium with red shutter
		<b>UTP - 1 module</b>
10	5 723 49	○ White
10	5 728 49	● Magnesium
10	5 723 59	○ White with green shutter
10	5 728 59	● Magnesium with green shutter
10	5 723 58	○ White with orange shutter
10	5 728 58	● Magnesium with orange shutter
		<b>UTP with controlled access - 2 modules</b>
		Supplied with 2 keys for 5 sockets
5	5 723 57	○ White with red shutter
5	5 728 57	● Magnesium with red shutter

# Audio/video sockets: the right system to meet your needs

## DISCOVER A FULL SYSTEM

### From the cabinets to the terminal sockets

- 19" LCS<sup>2</sup> cabinets
- 19" patch panels: to distribute the audio/video signal
- cords: for connecting a socket to a terminal
- cables: for connecting 2 sockets a long distance apart
- sockets: choose between 20 technologies



▶▶▶ Audio/video sockets, p. 86

## + MORE INFORMATION



▶ [www.legrand.com](http://www.legrand.com)



▶ E-catalogue

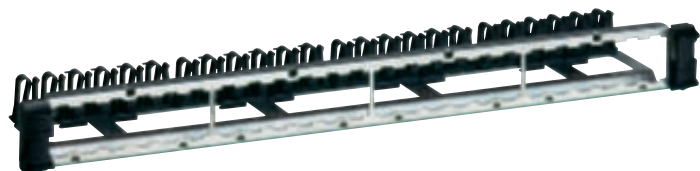
# Legrand cabling system LCS<sup>2</sup>

## category 6

patch panels, blocks of connectors



0 335 62



0 335 90



0 335 89



0 335 65



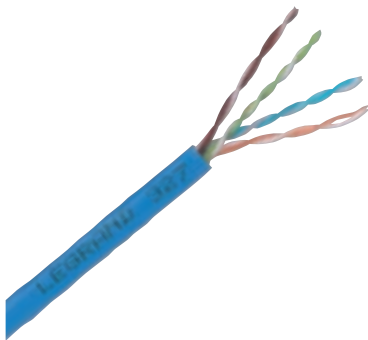
Cat. 6 connector  
STP shielded

Pack	Cat.Nos	<b>Patch panels cat. 6 24 x RJ 45 quick-fixing connectors</b>
		Panels supplied with quick-fixing Panels ensure automatic grounding of each connector Fitted with rear cable guide to hold cables during maintenance Fitted with 4 units of 6 LCS <sup>2</sup> RJ 45 connectors cat. 6 with fast connection thanks to integrated crimping, with colour code and wiring schemes T 568 A and T 568 B Supplied with numbered colour labels Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-2 and TIA/EIA 568C 19" panel - 1 U
1	0 335 61	UTP panel - 8 contacts
1	0 335 67	UTP high density panel - 8 contacts
1	0 335 62	FTP panel - 9 contacts
1	0 335 68	FTP high density panel - 9 contacts
1	0 335 63	STP panel - metal shielding 360°
		<b>UTP through panel</b> 24 x RJ 45 connectors
1	0 335 89	UTP through panel

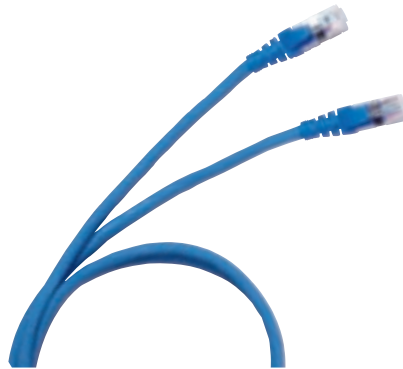
Pack	Cat.Nos	<b>Modular panels</b>
		Panels supplied with quick-fixing General all-purpose assembly of all enclosures or cabinets Panels ensure automatic earthing of each connector Fitted with rear cable guide to hold cables during maintenance Empty panels to be fitted with 4 units Take the following equipment: - 6 LCS <sup>2</sup> RJ 45 connector units - telephone inlet units - fibre optic units - PoE injector units - video streaming units - switch units - telephone/Ethernet doubler units - copper/fibre optic converter units - blanking plates
1	0 335 90	19" panel - 1 U

Pack	Cat.Nos	<b>Units of 6 x RJ 45 connectors cat. 6</b>
		Fitted with 6 x LCS <sup>2</sup> RJ 45 connectors cat. 6 with fast connection thanks to integrated crimping, with colour code and wiring schemes T 568 A and T 568 B Supplied with colour labels Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568
2	0 335 64	UTP unit - 8 contacts
2	0 335 65	FTP unit - 9 contacts
2	0 335 66	STP unit - metal shielding 360°
10	0 335 91	Blanking plate for 19" panel - Black

# Legrand cabling system LCS<sup>2</sup> category 6 cables and cords



0 327 54



0 517 62

Pack	Cat.Nos	Cables for local networks cat. 6
		Cables 4 pairs or 2 x 4 twisted pairs 100 ohms Blue RAL 5015 Colour code TIA/EIA Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C
		<b>U/UTP - 4 pairs</b>
305 <sup>1</sup>	0 327 54	Length 305 m Supplied in cardboard box. Weight 16 kg
500 <sup>1</sup>	0 328 61	Length 500 m Supplied on reel. Weight 18 kg
1000 <sup>1</sup>	0 328 71	Length 1000 m Supplied on reel
305 <sup>1</sup>	0 327 55	Length 305 m Supplied in cardboard box. Weight 13 kg
1000 <sup>1</sup>	0 328 72	Length 1000 m Supplied on reel
		<b>U/UTP - 2 x 4 pairs</b>
500 <sup>1</sup>	0 328 63	Length 500 m Supplied in cardboard box. Weight 38 kg
		<b>F/UTP - 4 pairs</b>
305 <sup>1</sup>	0 328 56	Length 305 m Supplied on reel. Weight 17 kg
500 <sup>1</sup>	0 327 56	Length 500 m Supplied on reel. Weight 25 kg
		<b>F/UTP - 4 pairs</b>
305 <sup>1</sup>	0 328 57	Length 305 m Supplied in cardboard box. Weight 17 kg
500 <sup>1</sup>	0 327 58	Length 500 m Supplied on reel. Weight 25 kg
		<b>F/UTP - 2 x 4 pairs</b>
500 <sup>1</sup>	0 327 76	Length 500 m Supplied on reel. Weight 48 kg
		<b>SF/UTP - 4 pairs</b>
500 <sup>1</sup>	0 327 57	Length 500 m Supplied on reel. Weight 29 kg
500 <sup>1</sup>	0 327 59	Length 500 m Supplied on reel. Weight 30 kg
		<b>SF/UTP - 2 x 4 pairs</b>
500 <sup>1</sup>	0 328 59	Length 500 m Supplied on reel. Weight 52 kg

Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 6
		RJ 45 - RJ 45 right <b>U/UTP unshielded impedance 100 Ω</b>
		PVC
1	0 517 72	Length 1 m
1	0 517 73	Length 2 m
1	0 517 74	Length 3 m
1	0 517 75	Length 5 m
		LSZH
1	0 518 62	Length 1 m
1	0 518 63	Length 2 m
1	0 518 64	Length 3 m
1	0 518 65	Length 5 m
		PVC
		<b>F/UTP screened impedance 100 Ω</b>
1	0 517 62	Length 1 m
1	0 517 63	Length 2 m
1	0 517 64	Length 3 m
5	0 517 65	Length 5 m
		LSZH
1	0 518 54	Length 1 m
1	0 518 55	Length 2 m
1	0 518 56	Length 3 m
1	0 518 57	Length 5 m
		PVC
		<b>SF/UTP shielded impedance 100 Ω</b>
5	0 517 52	Length 1 m
5	0 517 53	Length 2 m
5	0 517 54	Length 3 m
5	0 517 55	Length 5 m

1: in metre(s)

# Legrand cabling system LCS<sup>2</sup>

## category 6

### RJ 45 sockets - Mosaic™ Programme

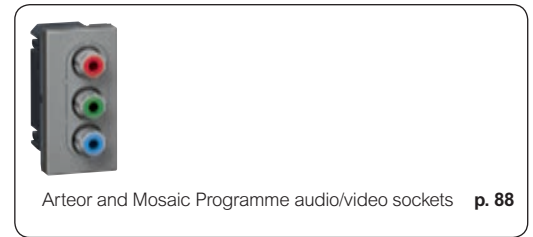


Can be integrated in all supports (see general catalogue)  
 Mechanisms to be equipped with support frames and plates (see general catalogue)  
 With LCS<sup>2</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

Pack	Cat.Nos	Mosaic Programme RJ 45 sockets cat. 6	Pack	Cat.Nos	Mosaic Programme RJ 45 sockets cat. 6 (continued)
10	0 765 61	<b>UTP - 1 module</b> ○ White	5	0 765 46	<b>FTP - 2 modules</b> For snap-on mounting on trunking with 45 mm cover ○ White
10	0 794 61	● Aluminium	5	0 794 85	● Black
10	0 786 06	○ White, connection with 110 tool	5	0 765 95	<b>FTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red shutter
10	0 794 12	● Aluminium, connection with 110 tool	10	0 765 05	<b>FTP 45° - 2 modules</b> ○ White
10	0 765 81	○ White antimicrobial	5	0 765 06	<b>FTP 2 x RJ 45 45° - 2 modules</b> ○ White
10	0 765 64	<b>UTP - 2 modules</b> ○ White	1/10	0 765 33	<b>FTP retractable RJ 45 sockets - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White
10	0 794 64	● Aluminium	1	0 794 33	● Aluminium
10	0 786 07	○ White, connection with 110 tool	10	0 765 92	<b>FTP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White
10	0 794 13	● Aluminium, connection with 110 tool	10	0 794 92	● Aluminium
5	0 765 94	<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red shutter	10	0 765 63	<b>Shielded STP - 1 module</b> ○ White
10	0 765 91	<b>UTP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White	5	0 765 83	○ White antimicrobial
1	0 765 03	○ White	10	0 765 66	<b>Shielded STP - 2 modules</b> ○ White
1	0 765 14	○ White, connection with 110 tool	5	0 794 86	<b>STP - 2 modules</b> ● Black
1	0 765 04	<b>UTP 45° - 2 x RJ 45 - 2 modules</b> ○ White	5	0 765 96	<b>Shielded STP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red shutter
1	0 765 32	<b>UTP retractable RJ 45 socket - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White	5	0 765 96	<b>STP 45° - 2 modules</b> Vertical snap-on socket for column module ○ White
5	0 794 81	<b>UTP - 1 module</b> ● Black	10	0 765 07	<b>Shielded STP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White
5	0 765 44	<b>UTP 2 x RJ 45 with Soluclip accessory - 3 modules</b> For snap-on mounting on DLP trunking with 45 mm cover ○ White	10	0 765 93	○ White
10	0 765 62	<b>FTP - 1 module</b> ○ White			
10	0 794 62	● Aluminium			
10	0 765 82	○ White antimicrobial			
10	0 765 65	<b>FTP - 2 modules</b> ○ White			
10	0 794 65	● Aluminium			
10	0 765 22	○ White with green shutter			
10	0 765 23	○ White with orange shutter			

# Legrand cabling system LCS<sup>2</sup> category 6

RJ 45 sockets - Arteur, Soliroc and Plexo



Can be integrated in all supports (see general catalogue)  
With LCS2 connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

Pack	Cat.Nos	Arteur RJ 45 sockets cat. 6	Pack	Cat.Nos	Keystone RJ 45 socket cat. 6	
10	5 723 02	<b>UTP - 1 module</b> ○ White ● Magnesium ○ White, connection with 110 tool ● Magnesium, connection with 110 tool ○ White with orange shutter ● Magnesium with orange shutter ○ White with green shutter ● Magnesium with green shutter	10	0 331 81	UTP socket with fast connection	
10	5 723 25		<b>UTP - 2 modules</b> ○ White - square version ● Magnesium - square version ○ White, connection with 110 tool ● Magnesium, connection with 110 tool	5/100	0 695 69	<b>Soliroc RJ 45 socket cat. 6 - IK 10</b> <b>FTP - 2 modules</b> IP 20 - IK 10 For at-risk areas or areas with no surveillance
10	5 723 54			1/20	0 695 61	
5	5 723 53		<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red shutter ● Magnesium with red shutter	1	0 695 81	<b>Plexo RJ 45 sockets cat. 6 - IP 55 closed flap IK 07</b> Protection against water, dust For industrial sites ○ Grey/white FTP socket ○ Grey/white UTP socket <b>Adaptor for RJ 45 socket</b> RJ 45 to be ordered separately Weatherproofing ensured (IP 44) plug inserted ○ Grey/white
5	5 728 53			1	0 904 67	
1	5 723 39		<b>UTP retractable RJ 45 sockets - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White ● Magnesium	1	0 904 67	<b>Plexo 66 RJ 45 socket cat. 6 - IP 66 - IK 08</b> <b>FTP socket</b> 9 contacts Weatherproofing ensured (IP 66) with plug inserted Inclined 90° ● Grey RAL 7016/T029
1	5 728 39			1	0 904 67	
10	5 723 22		<b>FTP - 1 module</b> ○ White ● Magnesium	10	5 723 16	<b>FTP - 2 modules</b> ○ White ● Magnesium
10	5 728 22	10		5 728 16		
10	5 723 23	<b>Shielded STP - 1 module</b> ○ White ● Magnesium	10	5 723 17	<b>Shielded STP - 2 modules</b> ○ White ● Magnesium	
10	5 728 23		10	5 728 17		



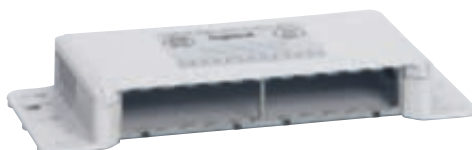
# Legrand cabling system LCS<sup>2</sup>

## category 6A, 6 and 5e

area distribution boxes and cords



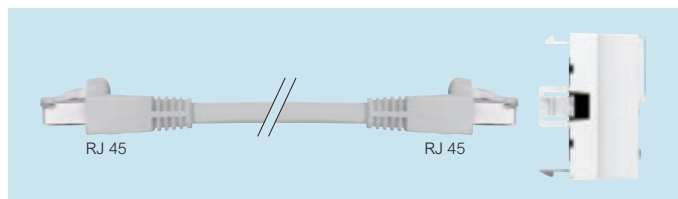
0 335 46



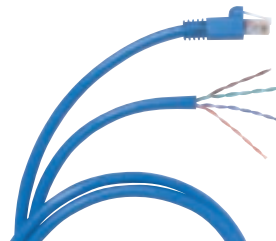
0 335 40



0 335 40 fitted with SC fibre optic unit, accessory  
Cat.No 0 335 20 and a 6 x RJ 45 connector unit



Connection principle



0 517 57

Pack	Cat.Nos	Area distribution boxes
		<p>For distribution of low current in a zone fitted with 1 to 12 RJ 45 sockets Centralise connections to guarantee flexibility and adaptability of the installation Installed on false ceiling or false floor Connect to the patch panel or the floor cabinet Connection to an RJ 45 socket with stripped cord or to a Mosaic RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Conform to standards UTE C 15-900, NF C 15-100, NF C 20-730, EN 50-174.2, CEI 60950, ISO/IEC 11801 Ed. 2.0, EN 50173-2 and TIA/EIA 568 Colour code TIA/EIA 568 A and C Cords and cables: ISO 11801 Ed.2.0, EN 50173-1, TIA/EIA 568 Technical characteristics: - polycarbonate PC hood - polypropylene PP base - RAL 7035 - hold connector units in place in the box: 100 N - Cables anchored on support using Colring cable ties</p> <p><b>Area distribution boxes cat. 6</b> Fitted with 2 x 6 LCS2 connector blocks RJ 45 cat. 6 and RJ 45 blanking plates Supplied with Colring cable ties</p>
1	0 335 44	UTP
1	0 335 45	FTP
1	0 335 46	STP
1	0 335 40	<p><b>Self-assembly area distribution box for cat. 6a, 6 and 5e</b> Used for mounting LCS2 RJ 45 connector blocks cat. 6a (p. 62), RJ 45 connector blocks cat. 6 (p. 66) or RJ 45 connector blocks cat. 5e (p. 72)</p>

Pack	Cat.Nos	Cords cat. 6 - RJ 45/RJ 45
		<p>For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure: - safe connection - speed and reliability of connection Blue RAL 5015</p> <p><b>U/UTP unscreened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p> <p><b>F/UTP screened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p>
4	0 515 10	Length 8 m
4	0 515 11	Length 15 m
4	0 515 12	Length 20 m
4	0 515 13	Length 8 m
4	0 515 14	Length 15 m
4	0 515 15	Length 20 m

Pack	Cat.Nos	Cords cat. 5e - RJ 45 / stripped
		<p>RJ 45 - straight stripped Clip on and off in the area distribution boxes and RJ 45 socket connection via LCS2 connector via the stripped side Cords prepared in factory, "ready for wiring" Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568 Grey RAL 7035 Wiring in T 568 B</p> <p><b>U/UTP unscreened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p> <p><b>F/UTP screened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p>
4	0 517 90	Length 8 m
4	0 517 91	Length 15 m
4	0 517 92	Length 20 m
4	0 517 93	Length 8 m
4	0 517 94	Length 15 m
4	0 517 95	Length 20 m

Pack	Cat.Nos	Cords cat. 6 - RJ 45/stripped AWG 24
		<p>RJ 45 - straight stripped Clip on and off in the area distribution boxes and connection via LCS2 connector of an RJ 45 socket by the stripped side Cords prepared in factory, "ready for wiring" Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568 Blue RAL 5015 Wiring in T 568 B</p> <p><b>U/UTP unscreened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p> <p><b>F/UTP screened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p>
4	0 517 57	Length 8 m
4	0 517 58	Length 15 m
4	0 517 59	Length 20 m
4	0 517 96	Length 8 m
1	0 517 97	Length 15 m
4	0 517 98	Length 20 m

Pack	Cat.Nos	Cords cat. 5e - RJ 45/RJ 45
		<p>For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure: - safe connection - speed and reliability of connection Grey RAL 7035</p> <p><b>U/UTP unscreened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p> <p><b>F/UTP unscreened impedance 100 Ω</b> Length 8 m Length 15 m Length 20 m</p>
4	0 515 00	Length 8 m
4	0 515 01	Length 15 m
4	0 515 02	Length 20 m
4	0 515 03	Length 8 m
4	0 515 04	Length 15 m
4	0 515 05	Length 20 m

# Legrand cabling system LCS<sup>2</sup> category 6 and 5e

feedthrough sockets - Mosaic™ Programme and Arteur



0 786 22



0 786 25

Certified as conforming to standards ISO 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568

Contacts marked with 568 A and B dual colour code and numbers

Connectors with self-stripping terminals

Possibility of re-wiring in the event of error

Multidirectional cable entry

For use with area distribution boxes (p. 70), connection to boxes via RJ45-RJ45 dedicated cords (p. 70)

Used to create cat. 6 and cat. 5e links in accordance with standards 2 modules

## Pack Cat.Nos Sockets with copper feedthrough cat. 6

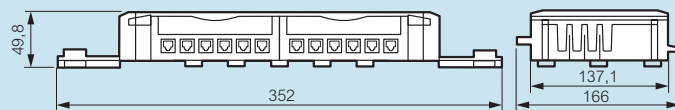
Pack	Cat.Nos	Socket	Material
10	0 786 22		○ White
10	0 786 26		● Aluminium
10	0 786 23		○ White
10	0 786 27		● Aluminium
10	5 723 31		○ White
10	5 728 31		● Magnesium
10	5 723 33		○ White
10	5 728 33		● Magnesium

## Pack Cat.Nos Sockets with copper feedthrough cat. 5e

Pack	Cat.Nos	Socket	Material
10	0 786 20		○ White
10	0 786 24		● Aluminium
10	0 786 21		○ White
10	0 786 25		● Aluminium
10	5 723 30		○ White
10	5 728 30		● Magnesium
10	5 723 32		○ White
10	5 728 32		● Magnesium

# Legrand cabling system LCS<sup>2</sup> area distribution boxes

## Dimensions



## Performance

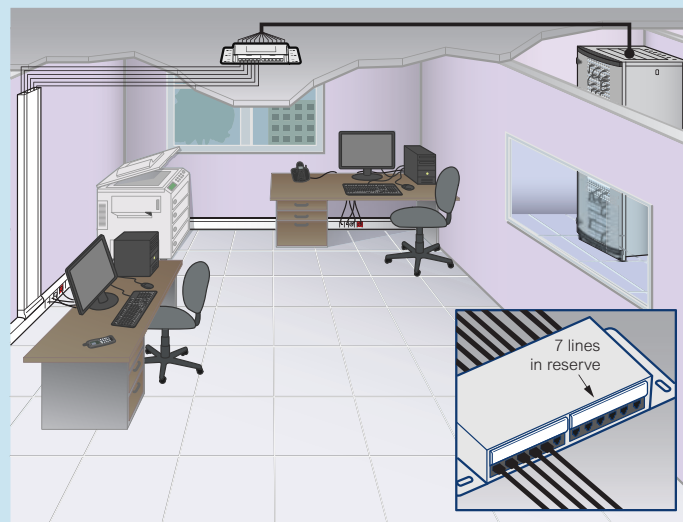
Maximum recommended lengths of links to ensure high performance of the systems with the use of RJ 45 sockets with copper feedthroughs and/or RJ 45 sockets

	Length associated lengths (m)		
	Cords	Cables	Links
Cat. 6	8	70	78
	15	60	75
	20	55	75
Cat. 5e	8	75	83
	15	65	80
	20	60	80

We recommend selecting the shortest wiring lengths for more flexibility regarding cord length in the event of reconfiguration

## Application example

An area distribution box is installed to connect the RJ 45 sockets and meet the future requirements of the installation



Connection to additional RJ 45 sockets is done by adding RJ 45 - RJ 45 cords between the unit and the RJ 45 sockets with copper feedthrough



## Legrand cabling system LCS<sup>2</sup> category 5e

patch panels, blocks of connectors



0 335 52

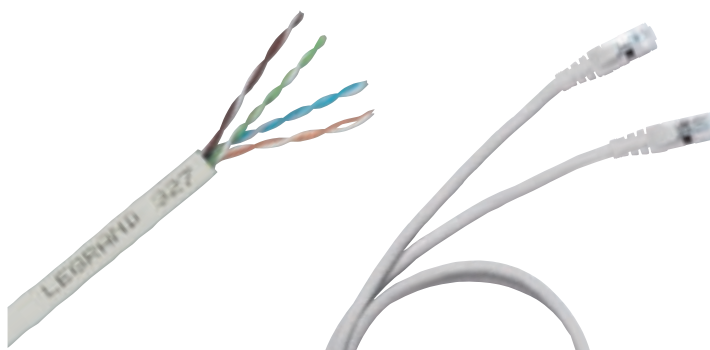
Pack	Cat.Nos	Patch panels cat. 5e 24 x RJ 45 connectors
		Panels supplied with quick-fixing Panels ensure automatic grounding of each connector Fitted with rear cable guide to hold cables during maintenance Fitted with 4 units of 6 LCS2 RJ 45 connectors cat 5e with fast connection thanks to integrated crimping, with colour code and wiring schemes T 568 A and T 568 B Supplied with colour labels numbered from 1 to 24 Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568 19" panel - 1 U
		<b>UTP panel</b>
1	0 335 51	UTP panel - 8 contacts
1	0 335 82	UTP panel - 8 contacts - connection with 110 tool
1	0 335 83	UTP high density panel - 8 contacts - connection with 110 tool
		<b>FTP panel</b>
1	0 335 52	FTP panel - 9 contacts
		<b>UTP through panel</b>
1	0 335 88	24 RJ 45 connectors UTP through panel

Pack	Cat.Nos	Modular panels
		Panels supplied with fast assembly Panels ensure automatic grounding of each connector Fitted with rear cable guide to hold cables during maintenance Modular empty panels for up to 4 units Takes the following equipment: - units of 6 LCS2 RJ 45 connectors - units for telephone inlets - fibre optic units - PoE injector units - video streaming units - switch units - telephone/Ethernet doubler units - copper/fibre optic converter units - blanking plates 19" panel - 1 U
1	0 335 90	

Pack	Cat.Nos	Units of 6 x RJ 45 connectors cat. 5e
		Fitted with 6 x LCS2 RJ 45 connectors cat. 5e with fast connection thanks to integrated crimping, with colour code and wiring schemes T 568 A and T 568 B Supplied with colour labels Conforms to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568
2	0 335 54	UTP unit
2	0 335 55	FTP unit
10	0 335 91	Blanking plate for 19" panel - Black

## Legrand cabling system LCS<sup>2</sup> category 5e

cables and cords



0 328 50

0 516 40

Pack	Cat.Nos	Cables for local networks cat. 5e
		4 twisted pair cables 100 ohms LSZH sleeve: non-halogen Grey RAL 7035 Colour code TIA/EIA
		<b>U/UTP - 4 pairs</b>
305 <sup>1</sup>	0 327 50	Length 305m Supplied in cardboard box. Weight 10 kg
500 <sup>1</sup>	0 328 53	Length 500 m Supplied on reel. Weight 15 kg
1000 <sup>1</sup>	0 328 73	Length 1000 m Supplied on reel
305 <sup>1</sup>	0 327 51	Length 305m Supplied in cardboard box. Weight 9 kg
1000 <sup>1</sup>	0 328 74	Length 1000 m Supplied on reel
		<b>U/UTP - 2 x 4 pairs</b>
500 <sup>1</sup>	0 327 73	Length 500 m Supplied on reel
		<b>F/UTP - 4 pairs</b>
305 <sup>1</sup>	0 327 52	Length 305 m Supplied in cardboard box. Weight 12 kg
500 <sup>1</sup>	0 328 50	Length 500 m Supplied on reel. Weight 21 kg
305 <sup>1</sup>	0 327 53	Length 305 m Supplied by box. Weight 11 kg
		<b>F/UTP - 2x4 pairs</b>
500 <sup>1</sup>	0 327 74	Length 500 m Supplied on reel. Weight 38 kg

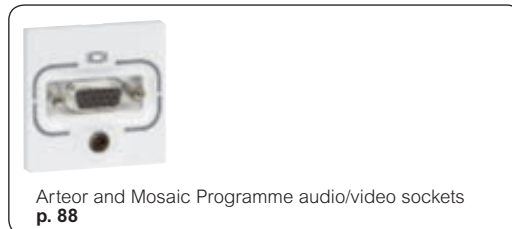
Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 5e
		RJ 45 - RJ 45 right
		<b>U/UTP unshielded impedance 100 Ω</b>
		Grey
1	0 516 36	Length 1m
1	0 516 37	Length 2m
1	0 516 38	Length 3m
1	0 516 39	Length 5m
		<b>F/UTP screened impedance 100 Ω</b>
		Grey
1	0 516 40	Length 1 m
1	0 516 41	Length 2 m
1	0 516 42	Length 3 m
1	0 516 43	Length 5 m

1: in metre(s)

# Legrand cabling system LCS<sup>2</sup>

## category 5e

RJ 45 sockets - Mosaic™ Programme, Arteor and Plexo



Can be integrated in all supports (see general catalogue)  
 With LCS<sup>2</sup> connector with fast connection thanks to integrated crimping Take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

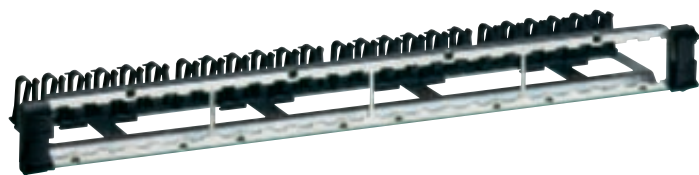
Pack	Cat.Nos	Mosaic Programme RJ 45 sockets cat. 5e
		Mechanisms to be equipped with support frames and plates (see general catalogue)
10	0 765 51	<b>UTP - 1 module</b> ○ White
10	0 794 51	● Aluminium
10	0 765 54	<b>UTP - 2 modules</b> ○ White
10	0 794 54	● Aluminium
10	0 765 18	○ White, connection with 110 tool
		<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets
5	0 765 97	○ White with red shutter
		<b>UTP - 2 x RJ 45 with Soluclip accessory - 3 modules</b> For snap-on mounting on DLP trunking with 45 mm cover
5	0 765 41	○ White
		<b>UTP retractable RJ 45 socket - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton
1	0 765 30	○ White
		<b>UTP 45° - 2 modules</b> ○ White
10	0 765 01	
		<b>2 x RJ 45 UTP 45° - 2 modules</b> ○ White
5	0 765 02	
		<b>FTP - 1 module</b> ○ White
10	0 765 52	● Aluminium
10	0 794 52	
		<b>FTP - 2 modules</b> ○ White
10	0 765 55	● Aluminium
10	0 794 55	
		<b>FTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets
10	0 765 98	○ White with red shutter
		<b>FTP - 2 x RJ 45 with Soluclip accessory - 3 modules</b> For snap-on mounting on Mosaic trunking with 45 mm cover
5	0 765 42	○ White

Pack	Cat.Nos	Arteor RJ 45 sockets cat. 5e
		Mechanisms supplied with square rocker plates, to be equipped with support frames and plates (see general catalogue)
		<b>UTP - 1 module</b> ○ White
10	5 723 03	● Aluminium
10	5 728 03	
10	5 723 28	○ White, connection with 110 tool
10	5 728 28	● Magnesium, connection with 110 tool
		<b>UTP - 2 modules</b> ○ White
10	5 723 15	● Aluminium
10	5 728 15	
10	5 723 29	○ White, connection with 110 tool
10	5 728 29	● Magnesium, connection with 110 tool
		<b>FTP - 1 module</b> ○ White
10	5 723 04	● Aluminium
10	5 728 04	
		<b>Keystone RJ 45 socket cat. 5e</b> <b>UTP socket</b> With fast crimping connection
10	0 331 80	
		<b>Plexo RJ 45 sockets, cat. 5e - IP 55 closed flap IK 07</b> Protection against water, dust For industrial sites
1/20	0 695 57	○ Grey/White FTP socket
1/20	0 695 56	● Grey/White UTP socket
		<b>Adaptor for RJ 45 socket</b> RJ 45 to be ordered separately Weatherproofing ensured (IP 44) plug inserted
1	0 695 81	○ Grey/white

# Legrand cabling system LCS<sup>2</sup>

## category 6A, 6 and 5e

additional products and doublers



0 335 90



0 335 39



0 335 34



0 335 12



0 335 16

Pack	Cat.Nos	Modular panels
1	0 335 90	<p>Panels supplied with captive screws and cage nuts or with quick fixing                      Universal mounting for all enclosures or cabinets                      Panels ensure automatic earthing of each connector                      Fitted with rear cable guide to hold cables in place during maintenance                      Modular empty panels for up to 4 units                      Take the following equipment:</p> <ul style="list-style-type: none"> <li>- units of 6 x LCS<sup>2</sup> RJ 45 connectors</li> <li>- units for telephone inlets</li> <li>- fibre optic units</li> <li>- PoE injector units</li> <li>- video streaming units</li> <li>- switch units</li> <li>- telephone/Ethernet doubler units</li> <li>- copper/fibre optic converter units</li> <li>- blanking plates</li> </ul> <p>19" panel - 1 U</p>

Pack	Cat.Nos	Video streaming unit
1	0 335 34	Block of 6 "F" connectors for video circuits

Pack	Cat.Nos	Fibre optic units
		<p>Clip directly onto fibre optic drawer                      Cat.No 0 335 10 (p. 79), on the patch panels with fibre optic cassette Cat.No 0 335 11 (p. 79) or in the area distribution boxes with fibre optic accessory Cat.No 0 335 20 (p. 82)</p>
1	0 335 13	<b>Monomode fibre units (9/125 µm)</b> LC unit for 6 monomode fibres
1	0 335 12	SC unit for 6 monomode fibres
1	0 335 16	<b>Multimode fibre units (62.5 and 50/125 µm)</b> ST unit for 6 multimode fibres
1	0 335 17	SC unit for 6 multimode fibres
1	0 335 18	LC unit for 6 multimode fibres
1	0 335 19	High-density LC unit for 12 multimode fibres

Pack	Cat.Nos	Doubler units
		<p><b>Units of 6 x LCS<sup>2</sup> RJ 45 doubler connectors</b>                      For fast tool-free connection                      Used with doubler sockets (p. 75)</p>
2	0 335 54	UTP unit
2	0 335 55	FTP unit
10	0 335 91	Blanking plate for 19" panel - Black
		<b>Ethernet/Ethernet doublers 100 base T</b>
1	0 335 39	FTP - 9 contacts
1	0 335 38	UTP - 8 contacts
		<b>Telephone/Ethernet doublers 100 base T</b>
1	0 335 37	FTP - 9 contacts
1	0 335 36	UTP - 8 contacts
		<b>Telephone/telephone doubler</b>
1	0 335 35	45 contacts

# Legrand cabling system LCS<sup>2</sup> category 6A, 6 and 5e

additional products and doublers (continued)



0 335 02



0 335 01



0 327 37



0 539 49

Pack	Cat.Nos	Blanking plates
10	0 517 40	White
10	0 517 41	Black
10	0 335 91	Blanking plate for 19" panel Black

Pack	Cat.Nos	Ethernet switches 100 Mbps
1	0 335 02	Mounted in the patch panel Conform with standards IEEE 802-3, EN 500 81-1 and EN 500 82-1 (Conformity with EMC requirements) <b>Switch units for patch panel</b> Clip directly onto the patch panels 7 RJ 45 ports at the front, 1 of which is a cascade port
1	0 335 05	Power supply with transformer provided 6 RJ 45 ports + 1 LC type optic port with front-mounted cascade 100 base FX type LC Power supply via transformer provided

Pack	Cat.Nos	Copper/fibre optic converter units
1	0 335 06	Simply and quickly permit copper to fibre conversion and vice versa Clip directly onto the patch panels Fitted with an SC type fibre optic connector 10/100 base T to 10/100 base FX type SC
1	0 335 07	1000 base T to 1000 base SX type SC

Pack	Cat.Nos	Midspan Power over Ethernet (PoE) injectors, 802.3 af
1	0 335 01	4 inlets/outlets Used for supplying 4 Wi-Fi access points Clips directly onto a patch panel
1	0 327 37	1 inlet / outlet Used for supplying a Wi-Fi access point Direct connection to the patch panel

Pack	Cat.Nos	RJ 45 doubler sockets
10	0 765 39	Provide increased security against theft and damage to double connectors Provide a rate of 10/100 Mbps Multidirectional cable entry Can be installed in all supports depth min. 35 mm 1 module
10	0 765 38	<b>Ethernet/Ethernet - Mosaic Programme</b> ○ White FTP - 9 contacts UTP - 8 contacts
10	0 765 37	<b>Telephone/Ethernet - Mosaic Programme</b> ○ White FTP - 9 contacts

Pack	Cat.Nos	RJ 45 doubler sockets (continued)
10	5 723 36	<b>Telephone/Ethernet - FTP - Arteor</b> 9 contacts ○ White
10	5 728 36	● Magnesium
10	0 765 36	<b>Telephone/Ethernet - UTP - Mosaic Programme</b> ○ White UTP - 8 contacts
10	5 723 35	<b>Telephone/Ethernet - UTP - Arteor</b> 8 contacts ○ White
10	5 728 35	● Magnesium
10	0 765 35	<b>Telephone/telephone - Mosaic Programme</b> 45 contacts

Pack	Cat.Nos	Mobile doublers
10	0 327 83	Clip into RJ 45 sockets to double applications TV/computer network or telephone double connector
10	0 327 47	Telephone/telephone doubler
10	0 327 45	Computer network/telephone doubler
10	0 327 46	L1/L2 telephone doubler
10	0 327 48	Computer network/computer network double connector

Pack	Cat.Nos	Weatherproof adaptors
10	0 695 80	IP 55 - IK 07 Allow all functions to be adapted 2 Mosaic modules IP 55 operation Adaptor with smoked flap
1	0 695 79	Adaptor with smoked flap lockable by special tool
1	0 695 81	Adaptor for RJ socket ensuring IP 44 weatherproof with cable connected
1	0 919 45	Locking tool (used for changing vandal-proof screws)
1	0 778 80	<b>Soliroc adaptors</b> Used for adapting all functions 2 Mosaic modules IK 10 - IP 55 Adaptor with flap
1	0 778 81	Adaptor without flap
5	0 539 49	<b>Hypra adaptor</b> IP 55 adaptor base

## Legrand cabling system LCS<sup>2</sup> category 6A, 6 and 5e telephone panels, units and cables



0 335 79

Pack	Cat.Nos	Patch panel telephone 50 ports 110 connect
1	0 335 79	19" panel - 1 U

### Cables for telephone networks

PVC sleeve - cat. 3  
Colour white  
Colour code TIA/EIA

1	0 328 91	<b>U/UTP - 50 pairs</b> Length 500m Supplied on reel
1	0 328 88	<b>U/UTP - 100 pairs</b> Length 500m Supplied on reel

### Panels and units for incoming telephone

#### Assembled panels - 1 U

Fitted with 4 LCS<sup>2</sup> RJ 45  
units of 12 ports with fast tool-free connection

1	0 335 31	3-6/4-5 contacts for digital telephone
1	0 335 30	4-5/7-8 contacts for analogue telephone
2	0 335 33	3-6/4-5 contacts for digital telephone
2	0 335 32	4-5/7-8 contacts for analogue telephone

#### Incoming telephone units for self-assembly panels

Fitted with 12 LCS<sup>2</sup> RJ 45 ports with quick tool-free connection

3-6/4-5 contacts for digital telephone  
4-5/7-8 contacts for analogue telephone

### 110 tool

1	0 332 60	110 tool
1	0 332 61	Replacement blade

## Legrand cabling system LCS<sup>2</sup> category 6A, 6 and 5e accessories

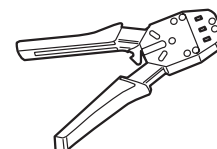


0 517 09



0 327 60

Pack	Cat.Nos	Crimping tool for RJ 45 plugs
1	0 517 09	Used for crimping plugs RJ 4/6/8/9 contacts Ratchet control of crimping mechanism Able to cut and strip cables Tool with 3 crimping points High resistance steel material



### RJ plugs for round cables

Gold-coated contacts 1.2 µm

50	0 517 01	<b>RJ 11</b> 4 contacts, width 9.65 mm
50	0 517 02	<b>RJ 12</b> 6 contacts, width 9.65 mm
50	0 517 03	<b>RJ 45 cat. 5e</b> 8 contacts, width 11.70 mm
50	0 517 04	9 contacts, width 11.70 mm
50	0 517 06	<b>RJ 45 sleeves</b> Black
50	0 517 07	White



### Cable protection accessories

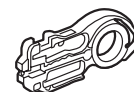
Plastic material  
IP 66/67 guaranteed connection with the pair 0 533 02  
IP 55 with no connection for base with shutter  
Protection for RJ 45 shielded or unshielded cables ensuring a link of category 5  
Conform to standards of the IEC 60603-7 series and to standard IEC 61076-3-106 (version 5)  
Compatible with products on the market  
Compatible with products on the market conforming to the standards listed

3	0 533 00	<b>Plug</b> Integrated PE with sealing ring and clamping blades Tool-free assembly Ability to protect cables of category 5e
3	0 533 01	<b>Flush-mounting base</b> Locking base Supplied with RJ 45 female / female coupler cat. 5e
3	0 533 02	<b>Kit</b> Flush-mounting base + plug
3	0 533 03	<b>Protective flap</b> Fits on base Cat.No 0 533 01

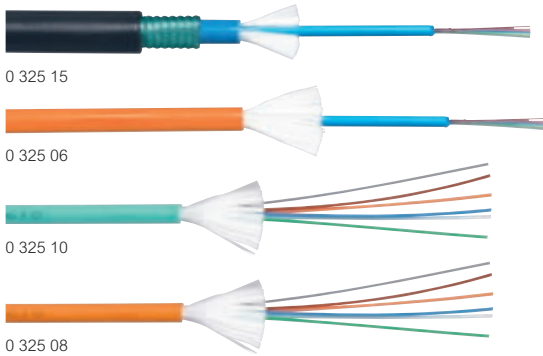
### Stripping tool

Slits the sheath and releases the conductors by rotation  
For twisted pair cables  
Does not damage the conductors

1	0 332 62	<b>Stripper</b> For twisted pair and fibre optic cable
1	0 327 60	<b>Cutting pliers</b> Cut wires cleanly without damaging the copper



# Legrand cabling system LCS<sup>2</sup> fibre optic fibre cables



0 325 15

0 325 06

0 325 10

0 325 08

Fibre cables:

- fibre colour code: FOTAG
- standard: EN 50173-2, ISO IEC 11801

Pack	Cat.Nos	OS1/OS2 singlemode optical cables (9/125 µm)
2000 <sup>1</sup>	Loose tube 0 325 12	900 µm Tight buffer For 9/125 µm singlemode installations (OS1) Yellow jacket Indoor/outdoor (universal) 6 fibres
2000 <sup>1</sup>	0 325 13	Outdoor, corrugated steel tape 6 fibres
2000 <sup>1</sup>	0 325 14	0 325 50 Indoor/outdoor (universal) 12 fibres
2000 <sup>1</sup>	0 325 15	Outdoor, corrugated steel tape 12 fibres
2000 <sup>1</sup>	0 325 51	Indoor/outdoor (universal) 24 fibres

Pack	Cat.Nos	OM 3 multimode optical cables (50/125 µm)
2000 <sup>1</sup>	Loose tube 0 325 10	900 µm Tight buffer For 50/125 µm multimode installations (OM 3) Green jacket Indoor/outdoor (universal) 6 fibres
2000 <sup>1</sup>	0 325 11	Indoor/outdoor (universal) 12 fibres
2000 <sup>1</sup>	0 325 53	0 325 52 Indoor/outdoor (universal) 24 fibres

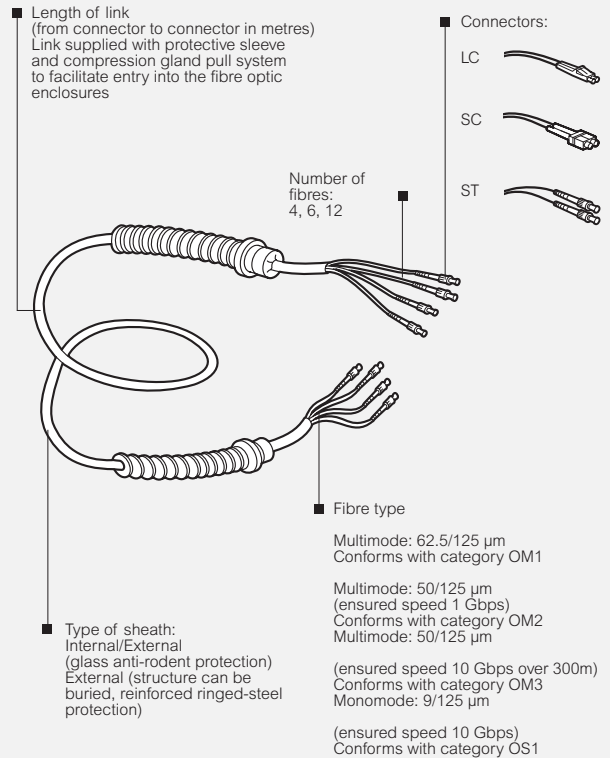
Pack	Cat.Nos	OM 2 multimode optical cables (50/125 µm)
2000 <sup>1</sup>	Loose tube 0 325 54	900 µm Tight buffer For 50/125 µm multimode installations (OM 2) Orange jacket Indoor/outdoor (universal) 2 fibres
2000 <sup>1</sup>	0 325 59	0 325 55 Indoor/outdoor (universal) 4 fibres
2000 <sup>1</sup>	0 325 04	0 325 08 Indoor/outdoor (universal) 6 fibres
2000 <sup>1</sup>	0 325 05	Outdoor, corrugated steel tape 6 fibres
2000 <sup>1</sup>	0 325 06	0 325 09 Indoor/outdoor (universal) 12 fibres
2000 <sup>1</sup>	0 325 07	Outdoor, corrugated steel tape 12 fibres
2000 <sup>1</sup>	0 325 60	0 325 58 Indoor/outdoor (universal) 24 fibres

Pack	Cat.Nos	OM 1 multimode optical cables (62.5/125 µm)
2000 <sup>1</sup>	900 µm Tight buffer 0 325 00	For 62.5/125 µm multimode installations (OM 1) Orange jacket Indoor/outdoor (universal) 6 fibres
2000 <sup>1</sup>	0 325 01	Indoor/outdoor (universal) 12 fibres

1: in metre(s)

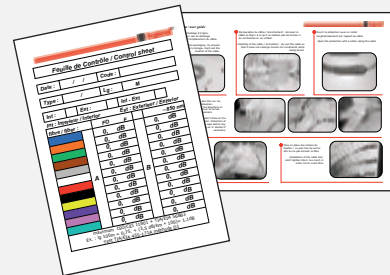
## customised fibre optic links

### FIBRES PRE-FITTED WITH CONNECTORS



### DOCUMENTS

Each link is supplied with a test report (fibre by fibre) and illustrated operating instructions



### PACKAGING

According to length of link:  
- packed on a reel  
- packed on a ring  
Connector protection by tube



Reel



## Legrand cabling system LCS<sup>2</sup> fibre optic floor distribution cabinets



0 462 91

## Legrand cabling system LCS<sup>2</sup> fibre optic 19" high density fibre optic drawer



0 325 69 (not equipped)

Pack	Cat.Nos	Floor distribution fibre optic cabinets
		<p>Reversible metal cabinets with key lock IP20 - IK 08 Maximum capacity: - 24 fibres with ST connectors - 48 fibres with SC connectors - 96 fibres with LC connectors Up to 4 fibre optic units can be fitted Cat.Nos 0 325 70/71/72/73/74/75/76/77/78/79, 0 335 12/13/16/17/18/19 and 0 327 86 4 cable entries (2 at the top and 2 at the bottom) 12 cable outlets, 22 mm diameter (3 at the top, 3 at the bottom and 6 at the sides) Supplied with 1 black ISO 20 cable gland to hold the incoming cable and 15 feedthrough covers Supplied with fibre optic accessories for the fibre coiling The outgoing cables can be clamped using a clamp at the back of the cabinet Can take 2 cassettes for pigtails Cat.No 0 329 07 (incoming and outgoing) 292 x 323 x 92 mm Black RAL 9005</p>
1	0 462 90	Modular cabinet
1	0 462 91	Cabinet equipped with 2 SC fibre optic units for 12 multimode fibres

Pack	Cat.Nos	19" high density fibre optic drawer
1	0 325 69	<p>Modular fibre optic drawer Slide-in and modular drawer Maximum capacity: - 36 ST and SC connectors - 72 LC connectors Depth 220 mm, height 1 U Supplied with screws and wiring accessories Receives up to 3 fibre optic units below</p>
		<p><b>Fibre optic units</b> Clip directly onto the optic drawer Cat.No 0 325 69</p>
		<p><b>Singlemode fibre units (9/125 µm)</b></p>
1	0 325 73	LC duplex unit for 12 singlemode fibres - blue
1	0 325 74	LC quadriplex unit for 24 singlemode fibres - blue
1	0 325 70	ST duplex unit for 12 singlemode fibres - blue
1	0 325 71	SC duplex unit for 12 singlemode fibres - blue
1	0 325 72	MPO unit type A for 6 x 12 singlemode fibres - blue
		<p><b>Multimode fibre units (62.5 and 50/125 µm)</b></p>
1	0 325 78	LC duplex unit for 12 multimode fibres - beige
1	0 325 79	LC quadriplex unit for 24 multimode fibres - beige
1	0 325 75	ST duplex unit for 12 multimode fibres - beige
1	0 325 76	SC duplex unit for 12 multimode fibres - beige
1	0 325 77	MPO unit type A for 6 x 12 multimode fibres - beige

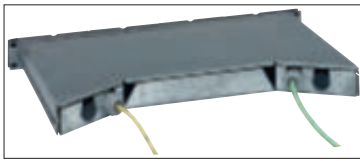
Pack	Cat.Nos	Accessory
1	0 335 93	Blanking plate

Pack	Cat.Nos	Accessories common to 2 fibre optic drawers
1	0 329 07	<p><b>Cassette for pigtails</b> 12 fibre capacity</p>
8	0 335 94	<p><b>Bend limiting clip</b> Fibre management bend limiting clip</p>

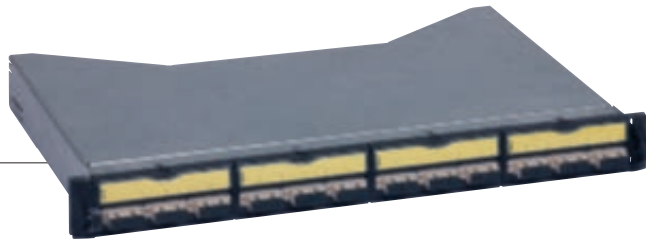
# Legrand cabling system LCS<sup>2</sup>

## fibre optic

### 19" fibre optic drawers and fibre sockets



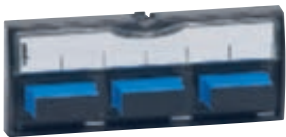
"Tail-coat" enclosure rear for easier cable entry



0 335 09 fitted with fibre optic units



0 335 13



0 335 12



0 335 11 fitted with fibre optic unit 0 335 17



0 786 17



0 786 18

Pack	Cat.Nos	19" slide-in modular optic drawers
1	0 335 10	Limit switch stop with 45° slope Depth 220 mm, height 1 U Maximum capacity: - 24 x ST and SC connectors ST - 48 x LC connectors Supplied with screws and wiring accessories Takes up to 4 fibre optic units (see below)
1	0 335 09	Supplied with 24 SC connectors

Pack	Cat.Nos	Fibre optic units
1	0 335 13	Clip directly onto the fibre optic drawer Cat.No 0 335 10 or on the patch panels with fibre optic cassette Cat.No 0 335 11
1	0 335 12	Singlemode fibre units (9/125 µm) LC unit for 6 singlemode fibres
1	0 327 86	SC unit for 6 singlemode fibres
1	0 327 86	SC/APC unit for 4 singlemode fibres
1	0 335 16	Multimode fibre units (62.5 and 50/125 µm) ST unit for 6 multimode fibres
1	0 335 17	SC unit for 6 multimode fibres
1	0 335 18	LC unit for 6 multimode fibres
1	0 335 19	High-density LC unit for 12 multimode fibres

Pack	Cat.Nos	Switch/fibre optic unit
1	0 335 05	Power supply via transformer provided 6 x RJ 45 ports + 1 cascade LC type optic port at the front Clips directly onto the patch panels

Pack	Cat.Nos	Copper/fibre optic converter units
1	0 335 06	For simple and fast copper to fibre conversion and vice versa Clip directly onto the patch panels Fitted with an SC type fibre optic connector
1	0 335 07	10/100 base T to 10/100 base FX type SC 1000 base T to 1000 base SX type SC

Pack	Cat.Nos	Fibre optic cassette for patch panel
1	0 335 11	Ensures fibre coiling (from 2 to 12 fibres) Takes a fibre optic unit Cat.Nos 0 335 12/13/16/17/18/19 Used for linking copper and fibre optic blocks on the same LCS <sup>2</sup> patch panel

Pack	Cat.Nos	Blanking plate for 19" panel
10	0 335 91	Black

Pack	Cat.Nos	Cassette for pigtails
1	0 329 07	12-fibre capacity

Pack	Cat.Nos	Sockets with fibre optic feedthrough
1	0 786 16	Fitted with duplex feedthrough 2 inlets/2 outlets Used for connecting 2 fibres (fitted with their connector) Supplied with protective caps Fitted with transparent marker holder 2 modules

Pack	Cat.Nos	Socket with fibre optic feedthrough 2 x ST
1	0 786 16	Bayonet connection (STII compatible) ○ White

Pack	Cat.Nos	Socket with fibre optic feedthrough 2 x SC
1	0 786 17	Push-pull connection ○ White

Pack	Cat.Nos	Socket with fibre optic feedthrough 2 x LC
1	0 786 18	Push-pull connection ○ White

Pack	Cat.Nos	Socket with fibre optic feedthrough 2 x SC/APC
1	0 786 14	Push-pull connection With shutters ○ White

Pack	Cat.Nos	Accessories
1	0 369 00	Surface-mounting box for 6 units Holds 6 connectors, white 177.2 mm W x 29.5 mm H x 110 mm D

Pack	Cat.Nos	Connector LC Duplex
1	0 369 01	1-LC (2 fibres), beige adaptor, phosphor-bronze, alignment sleeves 180° exit, flush, 1 unit

Pack	Cat.Nos	Connector SC Duplex
1	0 369 03	2-SC Simplex, Multimode, beige adaptor, phosphor-bronze, alignment sleeves 180° exit, flush, 1 unit

Pack	Cat.Nos	Blank module
1	0 369 02	1 unit

# Legrand cabling system LCS<sup>2</sup>

## fibres optic

### optic connectors and pigtails



Pack	Cat.Nos	Tool case for preparing optic fibres for optic connectors
1	0 326 90	Provides the tools required for preparing optic cables, for carrying out initial tests of the connection of fibres to connectors and the accessories for easy connection in all situations Comprises: - Installation instructions and video - Stripping tool (for fibres and cables) - Cleaving tool - Microscope for checking the quality of the cut - Visual fault locator with cord - Accessories (ultra-strong scissors, marker, protective glasses, etc.)

Pack	Cat.Nos	Update kit for case Cat.No 0 331 93
1	0 326 91	Comprises: - Visual fault locator with cord - Adaptors for connectors - Connector support for easier connection

Pack	Cat.Nos	Fast-connection connectors
10	0 326 57	SC/UPC connector 50 µm OM3/OM4 900 µm
10	0 326 58	LC/UPC connector 50 µm OM3/OM4 900 µm
10	0 326 56	ST/UPC connector 50 µm OM3/OM4 900 µm
10	0 326 62	SC connector 62.5 µm OM1 900 µm
10	0 326 61	ST connector 62.5 µm OM1 900 µm
		<b>Multimode connectors</b>
10	0 326 52	SC/UPC connector 9 µm OS1/OS2 900 µm
10	0 326 53	LC/UPC connector 9 µm OS1/OS2 900 µm
10	0 326 54	SC/APC connector 9 µm OS1/OS2 900 µm

Pack	Cat.Nos	Precision fibre optic cleaver
1	0 331 97	FO cleaver

Pack	Cat.Nos	Pigtails
		Supplied with 900 µm sleeve, 1 m
		<b>10 Gb - 50/125 µm</b>
1	0 326 22	SC connector
1	0 326 23	LC connector
1	0 326 19	SC/APC connector
1	0 326 27	6 x LC-PC connectors
1	0 326 26	12 x LC-PC connectors
		<b>9/125 µm OS1/OS2</b>
1	0 326 20	SC connector
1	0 326 21	LC connector
1	0 326 25	6 x LC-UPC connectors
1	0 326 24	12 x LC-UPC connectors
		<b>Thermoretractable sleeve for pigtails</b>
1	0 327 44	40 mm - pack of 50 sleeves

Pack	Cat.Nos	Glue-on connectors 50/125 and 62.5/125 µm
		Supplied with sleeve 900 µm Connectors with ceramic ferrule Typical attenuation: 0.3 dB
10	0 331 27	ST connector
10	0 331 47	SC connector
10	0 331 00	LC connector

Pack	Cat.Nos	Breakout kits
		For 900 µm of optical fibres Take 250 µm fibre diameters
1	0 330 48	6 fibre breakout kit
1	0 330 49	12 fibre breakout kit

# Legrand cabling system LCS<sup>2</sup>

## fibres optic

### optic connectors

#### ■ Technical characteristics

- Connection of connectors on 900 µm fibre
- Maximum attenuation 0.3 dB
- Ideal for high-speed systems: 10 gigabit Ethernet
- Operating temperature: 0 to 65 °C
- Shallow connectors

#### ■ Advantages:

- High quality finish
- Can be reused 5 times
- Shallow connector, depth less than 40 mm
- Connector factory pre-polished and does not require any glue
- No special tools, easy to transport
- Speed of installation: simple connection process, quick training  
It takes less than five seconds to fit the connector

#### ■ The basic steps

##### Preparation of the fibre:

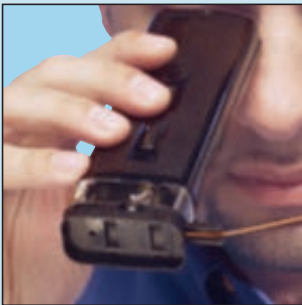
Stripping



Cleaving



Inspection



#### Connection:

1/ Insert the fibre in the connector



2/ Slide the switch on the connector - the splice is done



3/ Slide the boot onto the connector

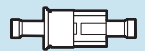


Finally, the visual fault locator is used to check the connection.

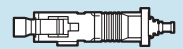
#### ■ Rapid crimping connectors with tool case Cat.No 0 326 90

##### Types of connector

- ST connector: Helical shape locked by "push and turn" bayonet type connector



- SC connector: Rectangular shape "push-pull" latch type locking Suitable for a large number of active devices Recommended in the generic standards ISO/IEC 11801 and EN 50173



- LC connector: Rectangular shape tab locking Half the size of a conventional connector



# Legrand cabling system LCS<sup>2</sup>

## fibres optic

### area distribution boxes



0 335 40



0 335 40 fitted with SC fibre optic unit, accessory  
Cat.No 0 335 20 and a 6 x RJ 45 connector unit



0 335 20 fibre optic  
accessory



0 786 16







0 786 17



0 786 18

Pack	Cat.Nos	Area distribution box
1	0 335 40	<p>For distribution of low current in an area fitted with 1 to 12 RJ 45 sockets Centralise connections to guarantee flexibility and adaptability of the installation Installed on false ceiling or false floor Connect to the patch panel or the floor cabinet Conform to standards UTE C 15-900, NF C 15-100, NF C 20-730, EN 50-174.2, CEI 60950, ISO/IEC 11801 Ed. 2.0, EN 50173-2 and TIA/EIA 568 Colour code and wiring schemes T 568 A and T 568 B Cords and cables: ISO 11801 Ed.2.0, EN 50173-1, TIA/EIA 568</p> <p>Technical characteristics: - polycarbonate PC hood - polypropylene PP base - RAL 7035 - hold connector units in place in the box: 100 N - Cables anchored on support using Colring cable ties</p> <p><b>Self-assembly area distribution box</b> Used for fitting fibre optic accessory units</p>
1	0 335 20	<p><b>Fibre optic accessory</b> Used for fitting fibre optic units (p. 79) and the fibre coil in the area distribution box</p>

Pack	Cat.Nos	Sockets with fibre optic feedthrough
1	0 786 16	<p>Fitted with duplex feedthrough 2 inlets/2 outlets Used for connecting 2 fibres (fitted with their connector) Supplied with protective caps Fitted with transparent marker holder 2 modules</p> <p><b>Socket with fibre optic feedthrough 2 x ST</b> Bayonet connection (STII compatible)</p>  <p>○ White</p>
1	0 786 17	<p><b>Socket with fibre optic feedthrough 2 x SC</b> Push-pull connection</p>  <p>○ White</p>
1	0 786 18	<p><b>Socket with fibre optic feedthrough 2 x LC</b> Push-pull connection</p>  <p>○ White</p>
1	0 786 14	<p><b>Socket with fibre optic feedthrough 2 x SC/APC</b> Push-pull connection With shutters</p>  <p>○ White</p>

# Legrand cabling system LCS<sup>2</sup>

## fibre optic

### Patch cords



Technical characteristics p. 103

Fitted with 2 connectors with ceramic ferrule at either end  
Packed and tested individually (report supplied)  
Zipcord LSZH sleeve

Pack	Cat.Nos	<b>OS1/OS2 (UPC) singlemode optical cords</b>
		Max. optical losses: 0.3 dB For OS1 9/125 µm singlemode installations, OS1 type Yellow sheaths
3	0 326 00	<b>SC/SC duplex cords</b> Length: 1 m
3	0 326 01	Length: 2 m
3	0 326 02	Length: 3 m
3	0 326 03	<b>SC/LC duplex cords</b> Length: 1 m
3	0 326 04	Length: 2 m
3	0 326 05	Length: 3 m
3	0 326 06	<b>LC/LC duplex cords</b> Length: 1 m
3	0 326 07	Length: 2 m
3	0 326 08	Length: 3 m

Pack	Cat.Nos	<b>OM 3 (PC) multimode optical cords (50/125 µm)</b>
		Suitable for 10 Gb Ethernet network Max. optical losses: 0.3 dB For 50/125 µm multimode installations, OM 3 type Purple sheaths
3	0 326 09	<b>SC/SC duplex cords</b> Length: 1 m
3	0 326 10	Length: 2 m
3	0 326 11	Length: 3 m
3	0 326 12	<b>SC/LC duplex cords</b> Length: 1 m
3	0 326 13	Length: 2 m
3	0 326 14	Length: 3 m
3	0 326 15	<b>LC/LC duplex cords</b> Length: 1 m
3	0 326 16	Length: 2 m
3	0 326 17	Length: 3 m

Pack	Cat.Nos	<b>OM 2 (UPC) multimode optical cords (50/125 µm)</b>
		Max. optical losses: 0.3 dB For 50/125 µm multimode installations, OM 2 type Orange sheaths
3	0 330 80	<b>ST/ST duplex cords</b> Length: 1 m
3	0 330 81	Length: 2 m
3	0 330 82	Length: 3 m
3	0 330 69	<b>SC/SC duplex cords</b> Length: 1 m
3	0 330 70	Length: 2 m
3	0 330 71	Length: 3 m
3	0 330 72	<b>ST/SC duplex cords</b> Length: 2 m
3	0 330 73	Length: 3 m
3	0 330 61	<b>LC/LC duplex cord</b> Length: 2 m
3	0 330 75	<b>SC/LC duplex cords</b> Length: 1 m
3	0 330 63	Length: 2 m
3	0 330 76	Length: 3 m
3	0 330 65	<b>LC/ST duplex cord</b> Length: 2 m

Pack	Cat.Nos	<b>OM 1 (UPC) multimode optical cords (62.5/125 µm)</b>
		Max. optical losses: 0.3 dB For 62.5/125 µm multimode installations, OM 1 type Orange sheaths
3	0 331 51	<b>SC/SC duplex patch cords</b> Length: 1 m
3	0 331 52	Length: 2 m
3	0 331 53	Length: 3 m
3	0 331 57	<b>ST/SC duplex patch cords</b> Length: 1 m
3	0 330 77	<b>LC/SC duplex patch cords</b> Length: 1 m
3	0 330 62	Length: 2 m
3	0 330 78	Length: 3 m

# Legrand cabling system LCS<sup>2</sup> Wi-Fi access points



0 335 21



0 779 13



0 335 24



Technical characteristics p. 104

Pack	Cat.Nos	Manageable Wi-Fi access points 802.11n
1	0 335 22	Coverage area: 600 m <sup>2</sup> Dual band 2.4 GHz or 5 GHz Conforms with standard 802.11 a, b, g, n Theoretical speed: 300 Mbps gross MIMO 2x2, supports up to 4 SSIDs False ceiling integration - PoE power supply (Power over Ethernet - standard IEEE 802.3 af) Network connection via a tool-free RJ 45 connector The installation must include at least: - a Wi-Fi access point (false ceiling) - a PoE injector Cat.No 0 335 01 conforming with 802.3 af (LCS <sup>2</sup> unit format) to be installed in the patch cabinet Can be configured centrally via controller Cat.No 0 332 25 or via configuration software Cat.No 0 335 24 or individually The management function allows the network administrator to manage Wi-Fi access points remotely via a web https interface Security via WEP, WPA and WPA2 (802.11i) encryption and 802.1x authentication QOS WMM compatible and supports SNMP management Guest access: independent access to the private Wi-Fi network Energy saving with standby management
1	0 335 21	Wi-Fi surface-mounted access point 802.11n
1	0 335 21	Wi-Fi ceiling-mounted access point 802.11n

Pack	Cat.Nos	Manageable Wi-Fi access points 802.11a & b/g
1	0 779 14	Dual-band and dual-radio Conform with standards 802.11a and 802.11b/g Gross speed: 54 Mbps max. on each frequency (802.11a and 802.11g) simultaneously Can be integrated into all compatible supports with minimum 40 mm depth Tool-free network connection via RJ 45 connector PoE power supply (Power over Ethernet - standard 802.3 af) The installation must include at least: - Wi-Fi access point - a PoE injector conforming with 802.3af (LCS <sup>2</sup> unit format) to be installed in the patch panel The management function allows the network administrator to manage Wi-Fi access points remotely via a web interface Security via WPA2 encryption (802.11i) and 802.1x authentication Guest access: allows visitors free access to the Internet (access independent of the main Wi-Fi network) 4 modules Equipped with an RJ 45 socket on the front panel ○ White
1	0 779 13	Without RJ 45 socket outlet ○ White
1	5 723 76	Arteor With RJ 45 socket on front ○ White
1	5 728 76	With RJ 45 socket on front ● Magnesium
1	5 723 77	With no RJ 45 socket ○ White
1	5 728 77	With no RJ 45 socket ● Magnesium
1	5 723 78	With no RJ 45 socket Standard 802.11b/g only ○ White
1	5 728 78	With no RJ 45 socket Standard 802.11b/g only ● Magnesium

Pack	Cat.Nos	Centralised configuration software
1	0 335 24	<b>Access point manager</b> Allows the installation of a secure Wi-Fi network with centralised management of the Wi-Fi access points The installation must include at least: - Wi-Fi access points - a PoE injector conforming with 802.3 af (LCS <sup>2</sup> unit format) to be installed in the patch cabinet

## Legrand cabling system LCS<sup>2</sup> Wi-Fi network management system



0 335 25



0 332 93



Technical characteristics p. 104

Pack	Cat.Nos	Wi-Fi network management system
1	0 335 25	<p><b>Supervisory controller</b> Allows the installation of a secure Wi-Fi network with filtering and traceability Possibility of managing private and public access to the Wi-Fi network Possibility of billing for network access (in hotels for example) Can be installed in addition to structured wiring New or existing LCS<sup>2</sup> to meet the needs of mobile and travelling workers The management function allows the network administrator to manage the Wi-Fi access points remotely with configuration software included Supports SNMP management with an embedded DHCP server Integrates into the patch cabinet Allows the configuration up to 5 terminals centralised on an IT network and to manage 50 connections at the same time The installation must include at least: - 1 supervisory controller - Wi-Fi access points (false ceiling) - 1 PoE injector conforming with IEEE 802.3 af (LCS<sup>2</sup> unit format) to be installed in the patch cabinet - If the installation involves more than 5 Wi-Fi access points, an extension licence must be provided</p> <p><b>Extension licences</b> Can be used in addition to the supervisory controller to extend the network</p>
1	0 335 26	Allow the extension of the network to a maximum of 10 Wi-Fi access points (5 + 5)
1	0 335 27	Manages up to 100 connections at the same time Allow the extension of the network to a maximum of 25 Wi-Fi access points (5 + 20) Manage up to 200 connections at the same time
1	0 335 01	<p><b>Power over Ethernet (PoE) injectors Midspan</b> 4 inputs/outputs Supply 4 Wi-Fi access points Attach directly to the patch panel conform with standard IEEE 802.3 af</p>
1	0 327 37	1 input/1 output
1	0 332 93	<p><b>Ethernet switches 100 Mbps</b> <b>Boxes to be installed on shelf</b> 5 RJ 45 port switch Power supply via transformer provided Dimensions: 116 x 70 x 25 mm</p>
1	0 332 91	<p>8 RJ 45 port switch Power supply via transformer provided Dimensions: 171 x 98 x 29 mm</p> <p><b>Mini shelf</b> For switch Cat.Nos 0 332 91/93 Dimensions: 220 x 220 x 43 mm For horizontal, vertical or projecting mounting of the switch Supplied with system for retaining the live product</p>

## Legrand cabling system LCS<sup>2</sup> switches



0 779 00



0 332 80



Technical characteristics p. 104

Pack	Cat.Nos	Flush-mounting Ethernet 10/100 base T switches
1	0 779 00	<p>For networking computer peripherals without a patch panel: computers, printers, servers, etc. Possibility of extending an existing network by simply replacing an RJ 45 socket Tool-free connection Conform with standards IEEE 802.3 (Ethernet) and EN 500 81/82-2 (EMC requirements) Installation in all supports with minimum 40 mm depth 6 ports at the front + 1 side RJ 45 connector for cabling and carrying out link tests Port status display integrated into the RJ 45 connectors Labelling of each port from 1 to 6 and marker holder 6 modules</p> <p><b>Non manageable 230 V supply - Mosaic Programme</b> ○ White</p> <p><b>Non manageable PoE supply (802-3 af) supply - Mosaic Programme</b> ○ White</p> <p><b>Manageable 230 V supply - Mosaic Programme</b> ○ White</p> <p><b>Non manageable 230 V supply - Arteor</b> ○ White ● Magnesium</p> <p><b>Non manageable PoE supply (802-3 af) supply - Arteor</b> ○ White ● Magnesium</p> <p><b>Manageable 230 V supply - Arteor</b> ○ White ● Magnesium</p>
1	0 332 80	<p><b>Mosaic VDI distribution block without connectors</b> 16 modules Dimensions: 135 x 223 x 57 mm For small patch panel For mounting a Mosaic switch Cat.Nos 0 779 00/01/20</p>



# Audio/video sockets: the right system to meet your needs

A wide range of technologies (HDMI, HD15, RCA, YUV):  
an answer corresponding to the location and the needs of users



## DISCOVER A FULL SYSTEM

### From the cabinets to the terminal sockets

- 19" LCS<sup>2</sup> cabinets
- 19" patch panels: to distribute the audio/video signal
- cords: for connecting a socket to a terminal
- cables: for connecting 2 sockets a long distance apart
- sockets: choose between 20 technologies



▶▶▶ 19" LCS<sup>2</sup> cabinets, p. 87



▶▶▶ Patch panels, cables and cords, p. 87



▶▶▶ Sockets, p. 88 to 91

## + MORE INFORMATION

Get detailed information on many digital or printed supports, or contact your Area Commercial Manager



▶ [www.legrand.com](http://www.legrand.com)



▶ E-catalogue



▶ QR-code

# audio/video cabinets, patch panels, cords and cables



Freestanding cabinets

p. 96

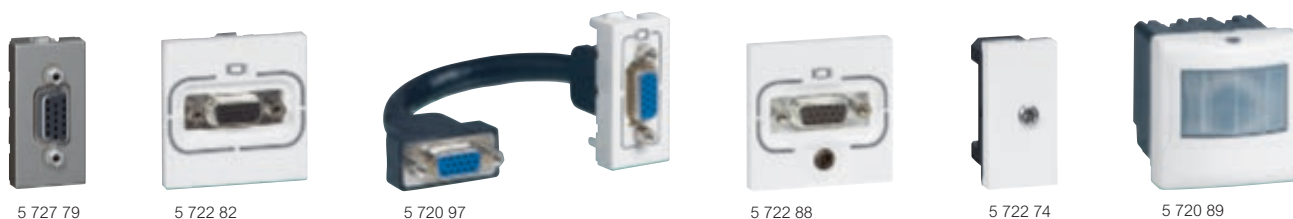
Pack	Cat.Nos	19" LCS <sup>2</sup> freestanding cabinets				
		IP 20 - IK 08 Baying cabinets with reversible curved front door made of screen-printed safety glass Side and rear removable panels Panels with automatic equipotential connection Lock with 2433 A key for locking of the 4 sides Top and bottom cable entries (19" cut-out format), receive 19" plates with brushes, fans, etc. Equipped with 4 x 19" uprights with U marking and depth adjusting aid Levelling feet adjustable from the inside Option of cable and patch cord management in cabling unit Cat.Nos 0 463 34/35 (p. 760) Cabinets can be dismantled completely where access is difficult Cabinets can be linked with kit Cat.Nos 0 463 37/38 (p. 760) Charcoal grey RAL 7016				
		Capacity	Height (mm)	Width (mm)	Depth (mm)	Load capacity (kg)
1	0 463 00	24 U	1226	600	600	240
1	0 463 19	42 U	2026	600	800	420

Pack	Cat.Nos	19" patch panels	
		Used to distribute the audio/video signal Equipped with marked connectors 19" female 1 U metal panels	
1	0 335 96	XLR 19" panel - 16 connectors	
1	0 335 97	HDMI 19" panel - 16 connectors	
1	0 335 98	HD15 19" panel - 12 connectors	

Pack	Cat.Nos	Cords	
		For connecting a socket to a terminal	
1	0 517 20	<b>HDMI cord</b> Length 10 m For connecting an HDMI socket to an audio/video terminal (plasma screen, DVD player, home cinema, games console, etc.) For use over a distance of more than 10 m, use the HDMI booster Cat.No 0 779 30 (see general catalogue)	
1	0 517 22	<b>HD15 cord + 3.5 mm jack</b> Length 2 m For connecting an HD15 video socket and a 3.5 mm audio jack to a terminal (PC, video projector)	
1	0 517 23	<b>HD15 cord</b> Length 10 m For connecting an HD15 socket to a video terminal (PC, video projector, etc.)	
1	0 517 24	<b>XLR cord</b> Length 10 m For connecting an XLR socket to an audio peripheral (microphone, amplifier, etc.)	
1	0 517 25	<b>9-way SUB-D cord</b> Length 10 m For RS 232 serial connection (printer, machine screen, etc.)	

Pack	Cat.Nos	Cables	
		For connecting 2 sockets a long distance apart	
1	0 327 80	<b>HDMI cables</b> Length 20 m For connecting HDMI sockets over distances of up to 10 m	
1	0 327 81	<b>VGA cables</b> Length 20 m For full pin connection of HD15 sockets over distances of up to 20 m	

# Arteor™ audio/video sockets



Mechanisms supplied with rocker plates, too be equipped with support frames and plates (see general catalogue)  
Can be integrated in all supports

Pack	Cat.Nos	<b>Female HD 15 sockets</b>
1	5 722 79	For transmitting analogue video streams between a source (computer) and a compatible receiver (plasma screen, LCD screen, video projector, etc) VGA, XGA or UXGA definition depending on the computer's graphics card <b>Solder connection - 1 module</b> ○ White ● Magnesium
1	5 727 79	
1	5 722 82	<b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 82	
1	5 720 97	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 97	

Pack	Cat.Nos	<b>Female HD 15 sockets + jack 3.5 mm</b>
1	5 722 88	Can be used to create full pin (15-pin) VGA links for a PC monitor, plasma screen etc, and audio links from a portable source <b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 88	

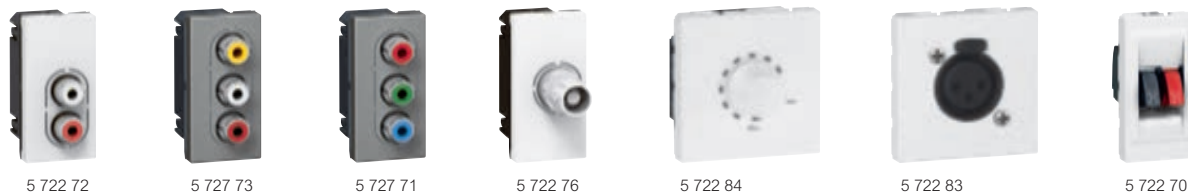
Pack	Cat.Nos	<b>Female Jack 3.5 mm sockets</b>
1	5 722 78	For establishing audio links from a portable source <b>Solder connection - 1 module</b> ○ White ● Magnesium
1	5 727 78	
1	5 722 74	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 74	
1	5 720 91	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 91	

Pack	Cat.Nos	<b>HDMI sockets</b>
1	5 722 81	Used to transmit High-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma, LCD, etc) Can be used with HDMI cords and cables (p. 87) <b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 81	
1	5 720 96	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 96	

Pack	Cat.Nos	<b>Display port sockets</b>
1	5 720 90	For transmitting high-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma screen, LCD screen, etc) <b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 90	

Pack	Cat.Nos	<b>Videoprojector switch</b>
1	5 720 89	Universal remote switch allowing to turn ON or place in STANDBY mode a video projector Works with all videoprojectors through IR learning process Installed close to the room's lighting switches, this product replaces the constructor remote and fosters the ignition and extinction of the video projector therefore reducing energy consumption and extending the bulb's lifetime 2 modules To be installed and connected near a push-button ○ White

# Arteor™ audio/video sockets (continued)



Mechanisms supplied with rocker plates, to be equipped with support frames and plates (see general catalogue)  
Can be integrated in all supports

Pack	Cat.Nos	2 x female RCA sockets
1	5 722 72	Provide the link for any peripheral device such as a DVD player, camera, video recorder, etc. For stereo audio link <b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 72	
1	5 720 92	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 92	

Pack	Cat.Nos	3 x female RCA sockets
1	5 722 73	Provide the link for any peripheral device such as a DVD player, camera, video recorder, etc. For composite video and stereo audio link <b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 73	
1	5 720 93	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 93	

Pack	Cat.Nos	YUV sockets
1	5 722 71	Provide the high definition analogue video link for a DVD, PC monitor, plasma screen, etc <b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 71	

Pack	Cat.Nos	S-video sockets (4-pin mini-DIN)
1	5 744 01	Provide the YC video link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc <b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 744 51	

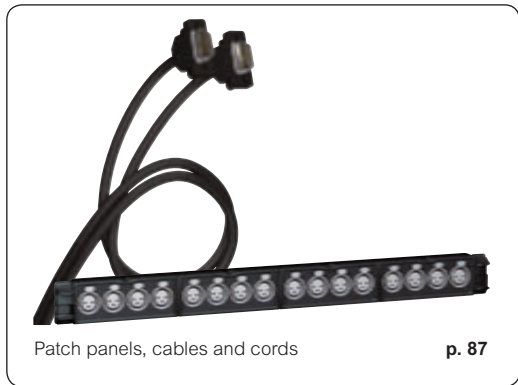
Pack	Cat.Nos	Female BNC 75 sockets
1	5 722 76	Provide the high definition analogue video link for a camera, plasma screen, etc <b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 76	

Pack	Cat.Nos	Attenuators
1	5 722 84	100 V - 25 W Allow to adjust power to 25 W from a balanced 100 V loudspeaker line 2 modules ○ White ● Magnesium
1	5 727 84	

Pack	Cat.Nos	3-pole XLR sockets
1	5 722 83	For the stereo connection of any peripheral, microphone, mixing console Recommended microphone cable: 1 x 0.22 mm <sup>2</sup> shielded audio pair Recommended speaker cable: 1 x 1.5 mm <sup>2</sup> audio pair (will take 2.5 mm <sup>2</sup> ) Max. cable length: 50 m (beyond this an audio amplifier is recommended) 2 modules <b>XLR female</b> ○ White ● Magnesium
1	5 727 83	
1	5 722 77	<b>XLR male</b> ○ White ● Magnesium
1	5 727 77	

Pack	Cat.Nos	Loudspeaker sockets
10	5 722 70	4 mm <sup>2</sup> terminals <b>1 module</b> ○ White ● Magnesium
10	5 727 70	
10	5 722 80	<b>2 module</b> ○ White ● Magnesium
10	5 727 80	

# Mosaic™ programme audio/video sockets



Patch panels, cables and cords







p. 87





Pack	Cat.Nos	Female HD15 sockets
1	0 787 77	<p>Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc...)</p> <p><b>Preconnected sockets - 1 module</b> Equipped with cord, length 15 cm</p> <p> ○ White ● Alu</p> <p><b>Screw-type female HD15 sockets - 2 modules</b> ○ White ● Alu</p> <p><b>Screw-type female HD15 sockets - 2 modules + 3.5 mm jack</b> ○ White</p> <p><b>Solder-type female HD15 sockets - 1 module</b> 15 pin ○ White</p>
1	0 793 77	
1	0 787 57	<p><b>HDMI type A sockets</b></p> <p>Used to transmit high-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma, LCD, etc) Can be associated with HDMI cord and cable (see p. 87)</p> <p><b>Preconnected sockets - 1 module</b> Equipped with cord, length 15 cm</p> <p> ○ White ● Alu</p> <p><b>Screw-type sockets - 2 modules</b> ○ White ● Alu</p>
1	0 792 57	
1	0 787 74	<p><b>Jack sockets 3.5 mm</b></p> <p>3.5 mm jack connectors can be used to create audio/video links from a portable source</p> <p><b>Preconnected sockets - 1 module</b> Equipped with cord, length 15 cm</p> <p> ○ White ● Alu</p> <p><b>4 screw-type female 3.5 mm jack socket - 1 module</b> ○ White ● Alu</p> <p><b>Solder-type female 3.5 mm jack socket - 1 module</b> ○ White</p>
1	0 787 72	

Pack	Cat.Nos	HD15 + 3.5 mm Jack amplifier
1	0 787 70	<p>Used to connect audio/video terminals more than 20 m apart up to 100 m The video link is via an HD15 connector (resolution up to UXGA) The stereo audio link is via a 3.5 mm jack The kit includes:</p> <ul style="list-style-type: none"> <li>- One 4-module Mosaic transmitter equipped with an HD15 connector and a 3.5 mm jack</li> <li>- One 4-module Mosaic receiver equipped with an HD15 connector and a 3.5 mm jack</li> <li>- One 4-module Mosaic power supply to be connected on the mains then linked to the receiver or transmitter</li> </ul> <p>The link between the transmitter and receiver is via a network cable (Cat.No 0 327 56) Transmitter and receiver are supplied with an RJ 45 LCS jack for tool-free connection</p> <p> ○ White</p>
1	0 787 99	<p><b>Videoprojector switch</b></p> <p>Universal remote switch allowing to turn ON or place in STANDBY mode a video projector Works with all videoprojectors through IR learning process Installed close to the room's lighting switches, it replaces the constructors remote and fosters the ignition and extinction of the video projector therefore reducing energy consumption and extending the bulb's lifetime</p> <p> ○ White</p>
1	0 787 91	<p><b>Display port sockets</b></p> <p>Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (plasma, LCD, videoprojector)</p> <p><b>Preconnected socket - 1 module</b> Equipped with cord, length 15 cm</p> <p> ○ White</p>

# Mosaic™ programme audio/video sockets (continued)



Pack	Cat.Nos	<b>Female RCA sockets</b>
1	0 787 52	<b>Female 1 RCA socket - 1 module</b> Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc ○ White 
1	0 787 53	<b>Female 2 RCA socket - 1 module</b> Provides the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder ○ White 
1	0 787 54	<b>Female 3 RCA sockets - 1 module</b> Provide the composite video and stereo audio link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc ○ White ● Alu
1	0 792 54	
<b>Other audio and video sockets</b>		
1	0 787 71	<b>DVI-I socket - 2 modules</b> Used to transmit high-definition digital video streams between a source (computer) and a compatible receiver (plasma, LCD, video projector, etc) ○ White 
1	0 787 69	<b>YUV socket - 1 module</b> Provides the high definition analogue video link for a DVD, PC monitor, plasma screen, etc ○ White 
1	0 787 58	<b>Female BNC 75 socket - 1 module</b> Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc ○ White 
1	0 787 63	<b>S-Video socket (4-pin mini-DIN) - 1 module</b> Provides the YC video link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc ○ White 

Pack	Cat.Nos	<b>Audio sockets</b>
10	0 787 55	<b>IXLR 3-pin - 2 modules</b> Provides the stereo link for microphone, amplifier, mixing console, etc. Recommended microphone cable: 1 audio pair 0.22 mm <sup>2</sup> shielded Recommended enclosure cable: 1 audio pair 1.5 mm <sup>2</sup> (can take 2.5 mm <sup>2</sup> ) Max. cable length: 50 m ○ White - Fast screw connection female ● Alu - Fast screw connection female
10	0 792 55	
10	0 787 56	○ White - Fast screw connection male 
10	0 787 60	<b>4-pole Speakon - 2 modules</b> ○ White - used to connect power enclosures Recommended cable: 1 audio pair 2.5 mm <sup>2</sup> Max. cable length: 50 m (without amplifier) 
10	0 787 51	<b>Loudspeakers sockets</b> Terminal 4 mm <sup>2</sup> ○ White - 2 modules 
10	0 787 50	○ White - 1 module ● Alu - 1 module
10	0 792 50	
10	0 787 75	<b>100 V Line Volume Attenuators - 2 modules</b> Allow to adjust power and volume of a 100 V loudspeaker line ○ White - 100 V - 12 W ○ White - 100 V - 25 W 
10	0 787 76	

# Legrand cabling system LCS<sup>2</sup>

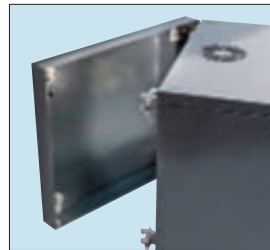
## 19" LCS<sup>2</sup> wall-mounting cabinets and accessories



0 462 01



0 462 11



Pivoting cabinet 0 462 11



0 465 01



Technical characteristics p. 105

IP 20 - IK 08

With reversible curved print screen glass safety door

Pivoting side panels, tool-free removal from inside

Lock closure with key 2433 A

Equipped with 2 x 19" uprights with depth adjusting aid

Supplied with earthing kit

Top and bottom perforations for natural ventilation, capable of taking a fan in the top part

Charcoal grey RAL 7016

Pack	Cat.Nos	Fixed 19" LCS <sup>2</sup> cabinets			
		Easy cable management: ability to fix cable management rings Cat.Nos 0 465 41/42 and cable ties (p. 98) DLP format cable entries at the top and bottom, bendable, with ability to attach cables using cable ties Rear pre-cut cable entries			
		<b>400 mm depth cabinet</b>			
		Capacity	Width (mm)	Height (mm)	Load capacity (kg)
1	0 462 00	6 U	600	350	18
1	0 462 01	9 U	600	500	27
1	0 462 02	12 U	600	600	36
1	0 462 03	16 U	600	800	48
		<b>580 mm depth cabinet</b>			
1	0 462 06	9 U	600	500	27
1	0 462 07	12 U	600	600	36
1	0 462 08	16 U	600	800	48
1	0 462 09	21 U	600	1000	63

Pack	Cat.Nos	Pivoting 19" LCS <sup>2</sup> cabinets			
		Cabinets composed of: - base (wall-fixing) - pivoting body allowing free access to the rear of the cabinet to facilitate installation and maintenance Reversible pivoting direction Plain cable entry plate at top and bottom, a brush plate can be fitted Cat.No 0 462 55			
		<b>600 mm depth cabinet</b>			
		Capacity	Width (mm)	Height (mm)	Load capacity (kg)
1	0 462 11	9 U	600	500	27
1	0 462 12	12 U	600	600	36
1	0 462 13	16 U	600	800	48
1	0 462 14	21 U	600	1000	63

Pack	Cat.Nos	Fixed shelves	
		Quick fixing without screws Max. load 15 kg Black RAL 9005	
1	0 465 00	<b>Fixing on 2 x 19" uprights</b> Depth 115 mm For cabinets depth 400, 580 and 600 mm	
1	0 465 01	Depth 200 mm For cabinets depth 400, 580 and 600 mm	
1	0 465 02	Depth 360 mm For cabinets depth 580 and 600 mm	

Pack	Cat.Nos	Thermal management	
		<b>Fan</b> 2.5 m power supply cable	
1	0 462 60	230 V~ fan	
1	0 348 48	<b>Thermostat</b> Adjustable from 5 to 60 °C, 230 V~, 50/60 Hz NO contact (10A) and NC contact (5 A) Fixed by magnet	

Pack	Cat.Nos	Cable entry	
1	0 462 55	Cable entry plate with brush For pivoting cabinets	

Pack	Cat.Nos	Cable management rings	
		Direct clipping on front structural uprights of 9 U to 21 U fixed cabinets (Cat.No 0 465 41 only) and on central upright of 580 mm depth cabinets	
4	0 465 41	1 U, plastic. Useable section 1890 mm <sup>2</sup>	
4	0 465 42	2 U, plastic. Useable section 4070 mm <sup>2</sup>	



Pack	Cat.Nos	Accessory	
1	0 462 64	Set of 4 caster wheels for assembly on pivoting cabinets Total load permissible on the 4 casters: 120 kg	

## Legrand cabling system LCS<sup>2</sup> 10" LCS<sup>2</sup> cabinet for small business



0 462 20



0 335 92



0 462 23



0 462 24

## 19" Linkeo wall-mounting cabinets



Available in flat pack

0 462 42



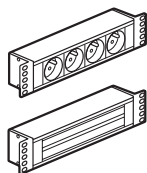
0 462 70



Technical characteristics p. 105

Pack	Cat.Nos	<b>10" LCS<sup>2</sup> cabinet</b>			
		<b>300 mm depth cabinet</b> IP 20 - IK 08 Compact cabinet suitable for small business applications up to 36 RJ 45 sockets Equipped with: - 1 reversible curved print screen door made of safety glass - 2 side panels removable from inside - key locking No 2433A - 2 depth-adjustable uprights - DLP format cable entries at the top and bottom, bendable, with ability to attach cables using cable ties - pre-cut back cable entry - top and bottom perforations for natural ventilation Charcoal grey RAL 7016			
1	0 462 20	Capacity 6 U	Width (mm) 314	Height (mm) 352	Load capacity (kg) 12

Pack	Cat.Nos	<b>10" equipment</b>			
1	0 335 92	Supplied with screws <b>Modular empty panel</b> 10" panel - 1 U For up to 2 connector units or 2 fibre optic units (p. 74)			
1	0 462 23	<b>Fixed shelf 1 U</b> Depth 120 mm max. load. 10 kg Black RAL 9005			
1	0 462 24	<b>230 V~ power supply units - 2 U</b> 4 x 2P+E black sockets French standard			
1	0 462 26	4 x 2P+E black sockets German standard			
1	0 462 25	To be equipped with Mosaic 2P+E sockets Capacity: 8 modules			



Technical characteristics p. 107

IP 20 - IK 08  
 Wall-mounting cabinets with reversible flat glass safety door with integrated lock  
 Simple wall fixing in 2 steps: rear + cabinet  
 Supplied with 2 x 19" uprights adjustable in depth  
 Cable entry at top adjustable with foam seal  
 Rear and bottom cable entries equipped with blanking plates  
 Top perforations for natural ventilation capable of taking the fan kit  
 Cat.No 0 462 70  
 Supplied with earthing kit  
 Cabinets compatible with fixed 19" LCS<sup>2</sup> cabinet equipment (except cable management rings)  
 Grey RAL 7035

Pack	Cat.Nos		<b>Fixed 19" Linkeo cabinets</b>					
	Mounted pack	Flat pack	Capacity	Height (mm)	Width (mm)	Depth (mm)	Net weight (kg)	Load capacity (kg)
1	0 462 30	0 462 35	6 U	367	600	400	18	18
1	0 462 31	0 462 36	9 U	500	600	400	20	27
1	0 462 42	0 462 47	12 U	625	600	600	30	36
1	0 462 43	0 462 48	16 U	810	600	600	36	48

Pack	Cat.Nos	<b>Linkeo fan kit</b>
1	0 462 70	Kit contains: - 2 fans - 1 thermostat - ON/OFF switch Supplied with 2.3 m cable Power supply 230 V~ - 50/60 Hz



# Legrand cabling system LCS<sup>2</sup>

## 19" LCS<sup>2</sup> equipment



0 465 22



0 465 23



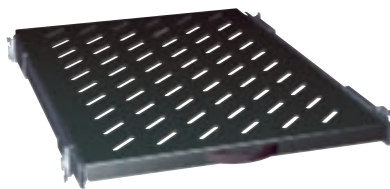
0 465 32



0 465 38



0 465 01



0 465 09



Technical characteristics p. 111

Pack	Cat.Nos	19" management panels
1	0 465 22 <sup>1</sup>	For organisation and circulation of patch cords Black RAL 9005 <b>Metal, 2 axes, quick-fixing</b> Horizontal and front-to-back with round shaded plastic rings for optimum protection of patch cords (respecting the bending radius) Screw-free mounting 1 U
1	0 465 23 <sup>1</sup>	2 U
1	0 465 28 <sup>2</sup>	<b>Plastic with brushes, direct clipping</b> 1 U
1	0 465 29 <sup>2</sup>	2 U
1	0 465 30 <sup>1</sup>	<b>Metal with brushes, quick-fixing</b> Screw-free mounting 1 U
1	0 465 31 <sup>1</sup>	2 U
1	0 465 32 <sup>2</sup>	<b>19" blanking plates</b> Black RAL 9005 <b>Plastic, direct clipping</b> 1 U
1	0 465 33 <sup>2</sup>	2 U
1	0 465 38 <sup>1</sup>	<b>Metal, quick-fixing</b> Screw-free mounting 1 U
1	0 465 39 <sup>1</sup>	2 U
1	0 465 40 <sup>1</sup>	3 U
1	0 465 00	<b>Fixed shelves</b> For LCS <sup>2</sup> freestanding cabinets (except for server freestanding cabinets), bati-rack and 19"Altis cabinets Quick screw-free mounting Black RAL 9005 <b>Fixing on 2 x 19" uprights</b> Height 2 U Max. load 15 kg Depth 115 mm
1	0 465 01	Depth 200 mm
1	0 465 02	Depth 360 mm
1	0 465 05	<b>Fixing on 4 x 19" uprights</b> Height 1 U Max. load 50 kg Shelf depth 450 mm
1	0 465 06	For depth 600 mm
1	0 465 07	Shelf depth 650 mm
1	0 465 08	For depth 800 mm
1	0 465 09	Shelf depth 850 mm
1	0 465 10	For depth 1000 mm

Pack	Cat.Nos	Telescopic shelves
1	0 465 08	For LCS <sup>2</sup> freestanding cabinets (except for server freestanding cabinets), bati-rack and 19"Altis cabinets Quick fixing on 4 x 19" uprights Height 1 U Max. load 50 kg Black RAL 9005 Shelf depth 450 mm
1	0 465 09	For depth 600 mm
1	0 465 10	Shelf depth 650 mm For depth 800 mm For depth 1000 mm
1	0 465 17	<b>Heavy load shelves</b> Max. load 100 kg Screw-fixing on 4 x 19" uprights Black RAL 9005 Fixed shelf depth 820 mm, 1 U For freestanding cabinets depth 1000 mm and server freestanding cabinets
1	0 465 18	Telescopic shelf depth 820 mm, 2 U For server freestanding cabinets
1	0 465 11	<b>Set of 2 fixed sliders</b> For LCS <sup>2</sup> freestanding cabinets (except for server freestanding cabinets) and 19"Altis cabinets Fixing on 4 x 19" uprights Max. load: 50 kg For depth 600 mm
1	0 465 12	For depth 800 mm
1	0 465 13	For depth 1000 mm
1	0 465 19	<b>Keyboard shelf</b> For freestanding cabinets, server freestanding cabinets, bati-rack and 19"Altis cabinets Screw-fixing on 4 x 19" uprights For depth 800 and 1000 mm Max. load 50 kg Black RAL 9005 Accommodates: - a computer screen - a keypad on the retractable support - a mouse on a sliding shelf with integrated mat Area for mouse or CD. Black RAL 9005
1	0 364 53	<b>Fixing accessories</b> Set of 50 cage nuts, 50 plastic washers and 50 x M6 screws With 8.5 mm cage nuts
1	0 364 54	With 9.5 mm cage nuts

1: Can be mounted on 19" HD racks with screw Cat.No 0 464 23 (p. 761)  
2: Can not be mounted on 19" HD racks

# energy distribution

## LCS<sup>2</sup> Power Distribution Units (PDU) 230 V~ and DIN rail kit



0 465 88



0 465 60



0 465 45



0 465 65



For other PDU configurations, please contact us



### Technical characteristics p. 108

Pack	Cat.Nos	Vertical Power Distribution Units (PDU)
		PDU with protection of each circuit by 16 A circuit breaker (equipped with cover for protection against accidental breaks) For direct mounting in LCS <sup>2</sup> 42 U freestanding cabinets and server freestanding cabinets Fixing centres: 1838 mm H 1855 x W 55 x D 50 mm Supplied with screws
		<b>Single phase</b> PDU comprising 2 circuits with 12 sockets or 12 IEC 60320 C13 sockets + 3 IEC 60320 C19 sockets Each circuit is identified by colour-coding
1	0 465 81 <sup>1</sup>	24 x C13 sockets
1	0 465 84 <sup>1</sup>	24 x C13 sockets + 6 x C19 sockets 3 m power supply cord with IEC 60309 2P+E plug
1	0 465 80 <sup>1</sup>	24 x 2P+E sockets - French standard
1	0 465 88 <sup>1</sup>	24 x 2P+E sockets - German standard
1	0 465 89 <sup>1</sup>	24 x 2P+E sockets - British standard
		<b>3-phase</b> PDU comprising 3 circuits with 8 IEC 60320 C13 sockets + 1 IEC 60320 C19 socket 24 x C13 sockets + 3 x C19 sockets 3 m power supply cord with IEC 60309 3P+N+E plug
1	0 465 85 <sup>1</sup>	

Pack	Cat.Nos	19" Power Distribution Units (PDU)
		For fixing on 19" fixing centres 180° reversible end piece Connection via 2.5 mm <sup>2</sup> terminal block Provide a 2 U space Supplied with screws
		<b>PDU</b>
1	0 465 51 <sup>1</sup>	12 x IEC 60320 C13 sockets
1	0 465 52 <sup>1</sup>	9 x IEC 60320 C19 sockets
1	0 465 50 <sup>1</sup>	9 x 2P+E black sockets French standard
1	0 465 54 <sup>1</sup>	6 x 2P+E black sockets - French standard
1	0 332 88 <sup>1</sup>	6 x 2P+E white sockets - French standard With switch with indicator
1	0 332 37 <sup>1</sup>	6 x 2P+E white sockets - French standard With 16 A circuit breaker
1	0 332 87 <sup>1</sup>	6 x 2P+E tamperproof sockets for uninterruptible power supply (UPS) - French standard
1	0 465 60 <sup>1</sup>	9 x 2P+E black sockets German standard
1	0 465 62 <sup>1</sup>	6 x 2P+E black sockets German standard
1	0 332 38 <sup>1</sup>	6 x 2P+E white sockets German standard - With 16 A circuit breaker
1	0 465 65 <sup>1</sup>	6 x 2P+E black sockets - British standard
1	6 339 00 <sup>1</sup>	5 x 2P+E white switch sockets - British standard
		<b>PDU with voltage surge protector unit</b> 6 x 2P+E white sockets - French standard Provides protection against mains overvoltages while keeping sockets energised A red indicator indicates that the protection must be replaced by the surge protector module Cat.No 0 775 41 (see general catalogue ) With switch with indicator
1	0 332 78 <sup>1</sup>	
		<b>PDU to be equipped</b> Takes 16 Mosaic modules
1	0 332 79 <sup>1</sup>	
		<b>DIN rail kit IP 2X</b>
1	0 465 45 <sup>1</sup>	For modular appliances Fits directly onto 19" uprights Compatible with EMC requirements Capable of taking up to 7 x Mosaic 2P+E sockets at the rear Composed of: - metal box - 3 x DIN profile rails 4 DIN modules - terminal block for protection conductors - a 2 U faceplate - 3 blanking plates - 9 cable entry glands Height 2 U Black RAL 9005

1: Can be mounted on 19" HD racks with screw Cat.No 0 464 23 (p. 100)

## Legrand cabling system LCS<sup>2</sup> 19" LCS<sup>2</sup> freestanding cabinets



0 463 18



1 cabinet 0 463 18 + 0 463 34  
+ 1 extension cabinet 0 463 30

Technical characteristics p. 109

IP 20 - IK 08

Baying cabinets with reversible curved front door made of screen-printed safety glass. Side and rear removable panels

Panels with automatic equipotential connection

Lock with 2433 A key for locking of the 4 sides

Top and bottom cable entries (19" cut-out format), receive 19" plates with brushes, fans, etc.

Equipped with 4 x 19" uprights with U marking and depth adjusting aid

Levelling feet adjustable from the inside

Cabinets can be dismantled completely where access is difficult

Charcoal grey RAL 7016

Pack	Cat.Nos	19" LCS <sup>2</sup> cabinets					Load capacity (kg)
		Capacity	Height (mm)	Width (mm)	Depth (mm)		
1	0 463 00	24 U	1226	600	600	240	
1	0 463 06	29 U	1448	600	600	290	
1	0 463 12	33 U	1626	600	600	330	
1	0 463 18	42 U	2026	600	600	420	
1	0 463 19	42 U	2026	600	800	420	
1	0 463 21	42 U	2026	800	600	420	
1	0 463 22	42 U	2026	800	800	420	
1	0 463 23	42 U	2026	800	1000	420	
1	0 463 28	47 U	2248	800	800	470	
1	0 463 29	47 U	2248	800	1000	470	

		19" LCS <sup>2</sup> extension cabinets				
		No side panels Supplied with joining kit				
Pack	Cat.Nos	Capacity	Height (mm)	Width (mm)	Depth (mm)	Load capacity (kg)
1	0 463 30	42 U	2026	600	600	420
1	0 463 33	42 U	2026	800	800	420

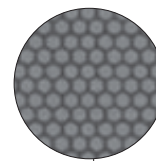
		LCS <sup>2</sup> baying kits	
		For direct linking 2 LCS <sup>2</sup> cabinets For cabinets depth (mm):	
1	0 463 37	600	
1	0 463 38	800	
1	0 463 39	1000	

		LCS <sup>2</sup> cabling units	
		Can be attached between 2 LCS <sup>2</sup> 42 U cabinets Easier cable and patch cord management Width 250 mm Supplied with earthing kit Charcoal grey RAL 7016 For cabinets depth (mm):	
1	0 463 34	600	
1	0 463 35	800	

## Legrand cabling system LCS<sup>2</sup> 19" LCS<sup>2</sup> server freestanding cabinets



0 463 85



Technical characteristics p. 109

IP 20 - IK 08

Baying cabinets with front and rear metal microperforated door (80 %), reversible, can be opened without key

Front door can be fitted with a DIN European cylinder (30 + 10 mm) with option of fitting a handle Cat.Nos 0 347 71/72

Rear door can be fitted with a key barrel Cat.Nos 0 368 22/23/24/25/26/27 (see general catalogue)

Removable side panels

Top cable entries in 19" cut-out format, capable of taking 19" plates with brushes, fans, etc.

Open bottom cable entry

Equipped with 4 x 19" uprights with adjusting aid

Levelling feet adjustable from the inside

Cabinets can be dismantled completely where access is difficult

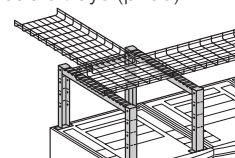
Supplied with earthing kit

Charcoal grey RAL 7016

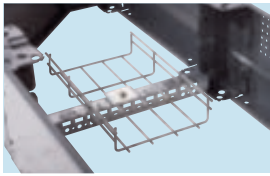
Pack	Cat.Nos	19" LCS <sup>2</sup> server cabinets					Load capacity (kg)
		Capacity	Height (mm)	Width (mm)	Depth (mm)		
1	0 463 85	42 U	2026	600	1000	630	
1	0 463 86	42 U	2026	800	1000	630	

		LCS <sup>2</sup> baying kit	
		For direct linking 2 LCS <sup>2</sup> server cabinets For cabinet depth (mm):	
1	0 463 39	1000	

		Equipment	
		<b>Cable trays supports</b> Fast screw-free assembly of cable trays (p. 98) For width 600/800 mm Fitted between 2 supports Cat.No 0 464 79	
1	0 464 78	For depth 1000 mm Pre-cut every 100 mm for height 500 to 200 mm	
1	0 464 79		
1	0 464 82	<b>Set of 4 caster wheels</b> Set of 4 pivoting wheels (2 with brake) for server cabinet Load on the 4 wheels: 500 kg	



## Legrand cabling system LCS<sup>2</sup> freestanding cabinets plinths



Cross bar 0 476 93 with cable guide



0 464 61



0 464 63



Kit 0 464 52 consisting of 4 corner blocks and solid traps at front/rear



0 464 66

## Legrand cabling system LCS<sup>2</sup> cable entries and thermal management for freestanding cabinets



0 465 28



0 465 31



0 464 87

### Technical characteristics p. 110

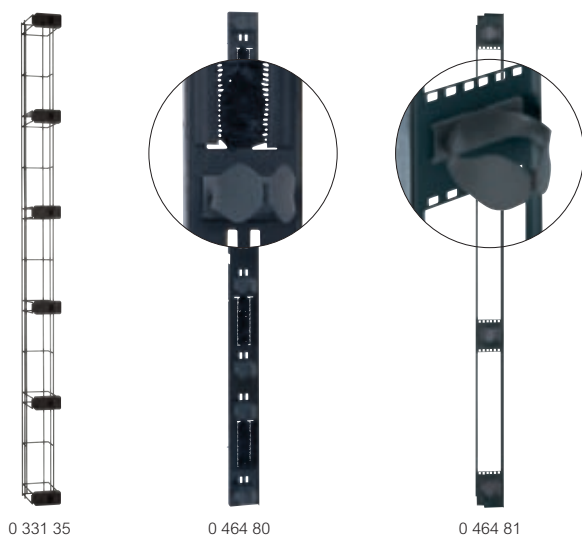
Pack	Cat.Nos	Cabinet plinths
		Metal Open on 4 sides Charcoal grey RAL 7016
		<b>Plinth kits</b> Consisting of height 100 mm plain traps at front / rear and 4 corner blocks Side traps to be ordered separately For cabinet width (mm):
1	Height 100   Height 200 0 464 50   0 464 52	600
1	0 464 51   0 464 53	800
		<b>Sets of 2 plain side traps</b> Traps height 100 mm Order 2 sets for a plinth height of 200 mm (Cat.Nos 0 464 52/53) For cabinet depth (mm):
1	0 464 54	600
1	0 464 56	800
1	0 464 58	1000
		<b>Ventilated traps</b> 1 trap height 100 mm For cabinet width/depth (mm):
1	0 464 60	600
1	0 464 61	800
		<b>Traps with brush</b> 1 trap height 100 mm For cabinet width/depth (mm):
1	0 464 62	600
1	0 464 63	800
1	0 464 64	<b>Plinth for cabling units</b> Assembled between the plinths of associated cabinets Trap height 100 mm. Double the number of traps for a height of 200 mm Charcoal grey RAL 7016
		<b>Cross bar</b> Fixed between 2 corner blocks of the plinth For fixing cable trays crossing 2 associated cabinets For cabinet depth (mm):
1	0 476 93	600
1	0 476 94	800
1	0 476 95	1000
1	0 464 66	<b>Linking interface</b> Protection allowing cabinet plinth and cable duct to be linked Supplied with weatherproof brush Reversible cover with cut-outs ensuring a high-quality finish Height 200 mm Charcoal grey RAL 7016 For cabinet depth 600 mm

### Technical characteristics p. 111

Pack	Cat.Nos	19" cable entry plates
		Black RAL 9005
		<b>Plastic with brushes, direct clipping</b>
1	0 465 28	1 U
1	0 465 29	2 U
		<b>Metal with brushes</b>
1	0 465 30	1 U
1	0 465 31	2 U
		<b>Thermal management</b>
		<b>3 U plates with fans</b> Fixed to the cabinet 19" cable entries 2.5 m supply cable Charcoal grey RAL 7016
1	0 464 87	2 x 230 V ~ fans
1	0 464 88	3 x 230 V ~ fans
		<b>1 U ventilation drawers</b> For circulation of internal air Fit onto 2 x 19" uprights On/off switch Supplied with supply cable
1	0 464 89	Drawer with 2 x 230 V ~ fans - depth 150 mm
1	0 464 90	Drawer with 4 x 230 V ~ fans - depth 300 mm
1	0 348 48	<b>Thermostat</b> Adjustable from 5 to 60 °C, 230 V ~, 50/60 Hz NO contact (10 A) and NC contact (5 A) Fixed by magnet
1	0 464 85	<b>19" lighting kit</b> 19" metal panel equipped with a lighting kit with switch Supplied with 230 V ~ 8 W fluorescent tube - 1 U
1	0 464 84	<b>Accessories</b> Anti-tilt kit Stabilises the cabinet when extracting heavy products installed on telescopic equipment
1	0 464 86	Floor fixing kit Enables a cabinet to be fixed permanently into the ground by blocking levelling feet
1	0 464 83	Set of 4 pivoting caster wheels Maximum permissible load on the 4 casters: 380 kg

# Legrand cabling system LCS<sup>2</sup> freestanding cabinets cable management

## cable ties



0 331 35

0 464 80

0 464 81



0 331 94

0 331 95

0 331 96

0 331 85

0 331 87

0 320 68

Pack	Cat.Nos	Cable and patch cord management
		<b>Set of 3 cable management supports</b> Fixing on structure Fast assembly of cable trays without screws
1	0 464 72	For cabinet width/depth 600 mm
1	0 464 73	For cabinet width/depth 800 mm
1	0 464 74	For cabinet depth 1000 mm
		<b>Flat cable trays</b> Fast mounting on the cable management supports without screws 250 mm width
1	0 464 76	For 33 U cabinets
1	0 464 77	For 42 U cabinets
		<b>Cable trays</b> For ducting cables. Can be fixed in height 200 mm plinth with Cat.Nos 0 476 93/94/95 and on top of server cabinet with Cat.Nos 0 464 78/79
1	0 464 69	3000 x 200 x 54 mm
1	0 464 70	3000 x 400 x 54 mm
		<b>Vertical cable management grid</b> For 42 U cabinets, width 800 mm Fits onto 19" uprights Grid with articulated bolts Dimensions: 1560 x 100 x 150 mm
1	0 331 35 <sup>1</sup>	
		<b>Vertical cable manager</b> For 42 U cabinets, width 800 mm Fits onto 19" uprights Set of 2 vertical panels with brush feedthrough Supplied with 10 cable management rings Cat.No 0 465 42, 3 cable ties Cat.No 0 331 94, 3 cable ties Cat.No 0 331 95 and 3 cable ties Cat.No 0 331 96 Black RAL 9005
1	0 464 80 <sup>1</sup>	
		<b>Vertical extension</b> For 42 U cabinets, width 800 mm Fits onto 19" uprights Set of 2 vertical trim plates to increase the capacity with 12 U To install 19" panels, DIN rail kit, Power Distribution Units (PDU), etc. Supplied with 8 cable management rings 2 U Cat.No 0 465 42 Black RAL 9005
1	0 464 81	

1: Can be mounted in Altis 19" cabinets, 800 mm depth (p. 99)

For grouping together and organising audio, computer, VDI, etc., cables  
Re-usable (cables can be added)

Pack	Cat.Nos	Cable ties with tightening indicator																												
		Wide cable ties with patented warning system to prevent overtightening cables Release by pinching the head of the cable tie Strap held in place after tightening																												
		<table border="1"> <thead> <tr> <th>Width (mm)</th> <th>Length (mm)</th> <th colspan="2">Tightening Ø</th> </tr> <tr> <th></th> <th></th> <th>max.</th> <th>min.</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>180</td> <td>35</td> <td>15</td> </tr> <tr> <td>15</td> <td>225</td> <td>50</td> <td>35</td> </tr> <tr> <td>15</td> <td>320</td> <td>80</td> <td>50</td> </tr> </tbody> </table>	Width (mm)	Length (mm)	Tightening Ø				max.	min.	15	180	35	15	15	225	50	35	15	320	80	50								
Width (mm)	Length (mm)	Tightening Ø																												
		max.	min.																											
15	180	35	15																											
15	225	50	35																											
15	320	80	50																											
50	0 331 94																													
50	0 331 95																													
50	0 331 96																													
		<b>Self-locking cable ties</b> Repositionable cable ties Double-sided textile with "loops" on one side and "hooks" on the other Do not damage cables Can be fixed using screws or rivets Cat.Nos 0 366 44/46 (see general catalogue)																												
		<table border="1"> <thead> <tr> <th>Colour</th> <th>Width (mm)</th> <th>Length (mm)</th> <th>Tightening Ø max. (mm)</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>16</td> <td>150</td> <td>35</td> </tr> <tr> <td>Red</td> <td>16</td> <td>150</td> <td>35</td> </tr> <tr> <td>Green</td> <td>16</td> <td>150</td> <td>35</td> </tr> <tr> <td>Black</td> <td>16</td> <td>300</td> <td>80</td> </tr> <tr> <td>Red</td> <td>16</td> <td>300</td> <td>80</td> </tr> <tr> <td>Green</td> <td>16</td> <td>300</td> <td>80</td> </tr> </tbody> </table>	Colour	Width (mm)	Length (mm)	Tightening Ø max. (mm)	Black	16	150	35	Red	16	150	35	Green	16	150	35	Black	16	300	80	Red	16	300	80	Green	16	300	80
Colour	Width (mm)	Length (mm)	Tightening Ø max. (mm)																											
Black	16	150	35																											
Red	16	150	35																											
Green	16	150	35																											
Black	16	300	80																											
Red	16	300	80																											
Green	16	300	80																											
10	0 331 84																													
10	0 331 85																													
10	0 331 86																													
10	0 331 87																													
10	0 331 88																													
10	0 331 89																													
		<b>Self adhesive base</b> For cable ties max. width 20 mm Black - 38 x 38 x 9.4 mm Possible central fixing with screw Ø4 mm																												
50	0 320 68																													

# 19" Altis™ freestanding cabinets IP 55 - IK 10



0 473 62 + 0 472 72 + 0 482 20



0 473 63 equipped

Pack	Cat.Nos	19" 42 U Altis cabinets																																											
		<p><b>Cabinets with framed glass door</b>                      Protection against dust, water, knocks in demanding environments - IP55 - IK10                      For loads up to 720 kg on 4 uprights                      Reversible door with toughened glass window                      4-point locking with double bar (Cat.No 0 347 XX)                      Removable rear panel                      Cable entries at bottom plates (Cat.No 0 481 XX)                      Can be equipped with plinth (Cat.No 0 476 XX)                      19" uprights and side panels to be ordered separately                      Compatible with 19" LCS<sup>2</sup> equipment (p. 94)                      Cat.Nos 0 331 35 and 0 464 80 can be mounted in width 800 mm cabinets (p. 98)                      Grey RAL 7035</p>																																											
		<table border="1"> <thead> <tr> <th rowspan="2">Height (mm)</th> <th colspan="3">Dimensions</th> <th colspan="2">Window dim.</th> <th rowspan="2">Weight (kg)</th> </tr> <tr> <th>Width (mm)</th> <th>Depth (mm)</th> <th>Height (mm)</th> <th>Width (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 473 62</td> <td>2000</td> <td>600</td> <td>600</td> <td>1775</td> <td>375</td> <td>91.7</td> </tr> <tr> <td>1</td> <td>0 473 63</td> <td>2000</td> <td>800</td> <td>600</td> <td>1775</td> <td>575</td> <td>110.4</td> </tr> <tr> <td>1</td> <td>0 473 91</td> <td>2000</td> <td>600</td> <td>800</td> <td>1775</td> <td>375</td> <td>95.2</td> </tr> <tr> <td>1</td> <td>0 473 92</td> <td>2000</td> <td>800</td> <td>800</td> <td>1775</td> <td>575</td> <td>114.6</td> </tr> </tbody> </table>	Height (mm)	Dimensions			Window dim.		Weight (kg)	Width (mm)	Depth (mm)	Height (mm)	Width (mm)	1	0 473 62	2000	600	600	1775	375	91.7	1	0 473 63	2000	800	600	1775	575	110.4	1	0 473 91	2000	600	800	1775	375	95.2	1	0 473 92	2000	800	800	1775	575	114.6
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1	0 473 91	2000	600	800	1775	375	95.2																																						
1	0 473 92	2000	800	800	1775	575	114.6																																						
		<p><b>Set of 2 side panels</b>                      For cabinets  <table border="1"> <thead> <tr> <th>Height (mm)</th> <th>Depth (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0 472 72</td> <td>2000</td> <td>600</td> </tr> <tr> <td>1</td> <td>0 472 75</td> <td>2000</td> <td>800</td> </tr> </tbody> </table> </p>	Height (mm)	Depth (mm)	1	0 472 72	2000	600	1	0 472 75	2000	800																																	
Height (mm)	Depth (mm)																																												
1	0 472 72	2000	600																																										
1	0 472 75	2000	800																																										
		<p><b>19" uprights</b>                      Set of 2 42 U uprights (perforations 9.5 x 9.5 mm)                      Supplied with mounting lugs and screws                      Mounting in cabinets possible width 600 or 800 mm</p>																																											
		<p><b>Interior assembly kit - IP 55 for a 1000 kg/m<sup>3</sup> load</b>                      Set consisting of                      - 4 brackets                      - 2 joining feet                      - 1 gasket</p>																																											
		<p><b>M 14 lifting rings</b>                      Set of 4 rings                      For a load of 1000 kg/m<sup>3</sup></p>																																											

## Your LCS<sup>2</sup> cabinet in a few clicks

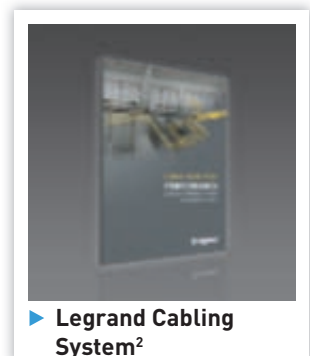
The new LCS Pro<sup>2</sup> software lets you quickly and easily select your products, view your cabinet, and more

### DISCOVER THE NEW FEATURES

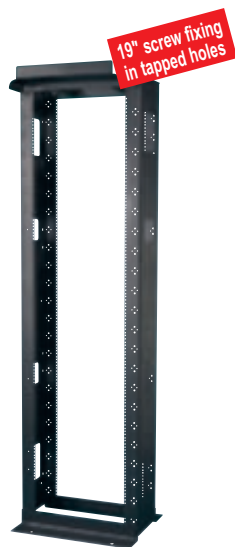
- make the synoptic of your installation
- find automatically Cat.Nos by selecting characteristic options
- visualise the cabinet installation and amend it if required
- manage your studies: technical summaries, purchase orders, document printing



### + MORE INFORMATION



# Legrand cabling system LCS<sup>2</sup> 19" HD (High Density) racks



0 464 06



0 464 25



0 464 27

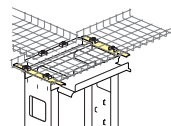
Technical characteristics **p. 112**

Pack	Cat.Nos	<b>19" HD racks</b>					
		Racks for high-density cabling (e.g. data centers, SANs, main distributors, etc.) Channel type 19" uprights for guiding and fixing cables, with U marking and tapped holes for fixing 19" equipment Roofing for right-left cord routing that complies with the bending radiuses Receive 19" LCS <sup>2</sup> metal feedthrough panels, power supply units and the DIN rail kit fastened by screws Cat.No 0 464 23 (1 set of 50 supplied with the rack) Supplied with straps with hook and loop type closure Aluminium structure to be assembled Racks joined using grids Cat.Nos 0 464 25/26/27 Black					
1	0 464 06	Capacity	Height (mm)	Width (mm)	Depth (mm)	Permissible load (kg)	Depth of uprights (mm)
1	0 464 07	45 U	2185	604	521	675	267
		45 U	2185	604	667	675	413

Pack	Cat.Nos	<b>Cord management grid</b>	
		To be mounted between 2 joined racks or on an isolated rack The grid creates a 63 mm space between 2 joined racks for running cables and cords to the front and rear Capacity: 200 cat. 6 cords Black	
1	0 464 25	Grid with hinged closing latches 1965 mm x 153 mm x 156 mm	

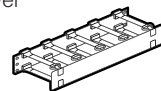
Pack	Cat.Nos	<b>Cord management grids with door</b>	
		Easily removable door that opens in both directions To be mounted between 2 joined racks or on an isolated rack (Cat.No 0 464 26 only) The grids create a space between 2 joined racks (63 mm for Cat.No 0 464 26, 165 mm for Cat.No 0 464 27) for running of cables and cords to the front and rear Side cord channels every 1 U Capacity: 200 cat. 6 cords for Cat.No 0 464 26, 580 cords for Cat.No 0 464 27 Supplied with 12 bend limiting clips and 4 coiling supports Black	
1	0 464 26	1970 mm x 165 mm x 204 mm	
1	0 464 27	1970 mm x 267 mm x 331 mm	

Pack	Cat.Nos	<b>Cable tray supports</b>	
		To be fitted in the depth of the rack to support a high cable tray (cable trays Cat. No 0 464 69/70 p. 98)	
1	0 464 18	For rack Cat.No 0 464 06	
1	0 464 19	For rack Cat.No 0 464 07	



Pack	Cat.Nos	<b>Lower finishing plates</b>	
		Metal plates provide the finishing of the lower part of the rack and protection against dust The sides of the plates can be folded easily for direct insertion of cables in the 19" upright channel	
1	0 464 15	For rack Cat.No 0 464 06	
1	0 464 16	For rack Cat.No 0 464 07	

Pack	Cat.Nos	<b>19" cord management panels</b>	
		1 axis closed panels with pivoting cover Depth 172 mm Black	
1	0 465 70	1 U	
1	0 465 71	2 U	



Pack	Cat.Nos	<b>19" equipment screws</b>	
		Set of 50 special screws for 19" HD racks and 25 earthing claws	
1	0 464 23		

## 19" bati-rack and accessories



0 463 96 + 2 x 0 463 97



0 463 97



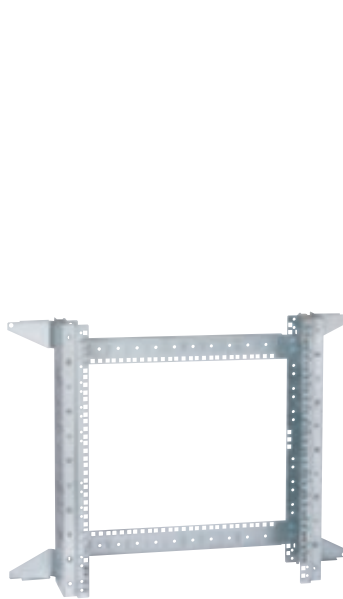
Technical characteristics p. 113

Pack	Cat.Nos	19" Bati-rack
		For housing 19" equipment in an air conditioned, secure, dust-free environment Comprises 2 or 4 x 19" uprights With levelling feet Compatible with 19" LCS <sup>2</sup> equipment The 4-upright bati-rack takes shelves for depth 800 mm Cable management rings Cat.No 0 465 41 (p. 92) can be fitted on the outside of the 19" uprights Supplied ready for assembly RAL 7035
1	0 463 95	Capacity
1	0 463 96	42 U
		Height <sup>(1)</sup> (mm)
		1956
		Width (mm)
		540
		Depth (mm)
		640
		Permissible load (kg)
		300
		Number of uprights
		2
		4

Pack	Cat.Nos	Cable management sleeve
1	0 463 97	Vertical feedthrough with reversible door For fixing on the right or left of the 19" uprights RAL 7035 Sleeve

Pack	Cat.Nos	Accessories
1	0 464 98	<b>Roof</b> Roof for 4-upright bati-rack 535 x 600 mm
1	0 464 99	<b>Set of 4 casters</b> For bati-rack

## wall-mounting rack for weatherproof cabinets



0 462 28



0 329 46



0 329 47



0 465 00



Technical characteristics p. 113

Pack	Cat.Nos	Wall-mounting VDI rack for Atlantic and Marina cabinets
		For integrating 19" VDI equipment in Atlantic cabinets (Cat.Nos 0 355 xx) and Marina cabinets, width 600 or 800 mm and depth 250 mm min. In cabinets width 400 mm, the rack enables 10" VDI equipment to be incorporated (p. 93) Can be fixed directly on the wall to create a wall-mounted rack (without cabinet) Self-locking cable ties and cable ties with tightening indicator (p. 98) can be fitted
1	0 462 27	6 U rack
1	0 462 28	12 U rack
1	0 462 29	16 U rack

Pack	Cat.Nos	Cable entry for Atlantic cabinets width 600 or 800 mm and 19" equipment
1	0 329 46	<b>Cable entry</b> IP 43 cable entry plate with brush (cable feedthrough 385 x 30 mm)
1	0 329 47	IP 55 cable entry plate with multi-entry cable glands Supplied with 12 ISO 32 cable glands Each cable gland allows the insertion of 4 UTP/FTP/SFTP cables (ø6.5 to 9.5 mm) Cords with connectors can be fed through without having to dismantle the cable gland Supplied with blanking plates for unused entries
		<b>Fixed shelf</b> Projecting mounting on 2 x 19" uprights Fast screw-free assembly Max. load 15 kg Height 2 U Black RAL 9005 Depth 115 mm
1	0 465 00	



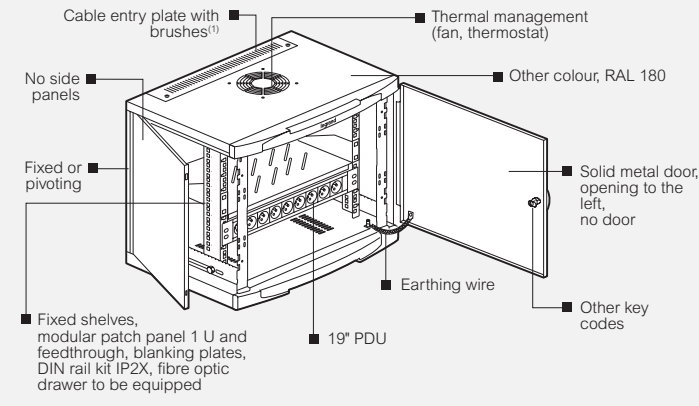
1: Without levelling feet (+ 28 to 34 mm with feet)



# customised 19" LCS<sup>2</sup> cabinets



## 19" LCS<sup>2</sup> WALL-MOUNTING CABINETS



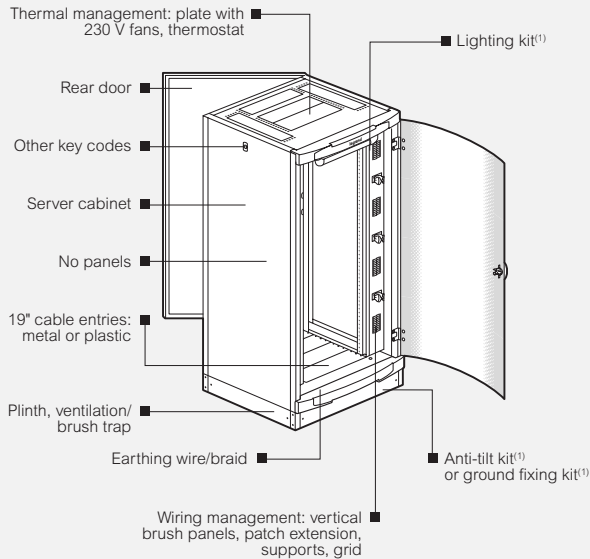
(1) Pivoting cabinets

## 19" LCS<sup>2</sup> FREESTANDING CABINETS

### 30 SIZES

Capacity	24 U	29 U	33 U	42 U	47 U
Width	600 or 800 mm				
Depth	600, 800 or 1000 mm				

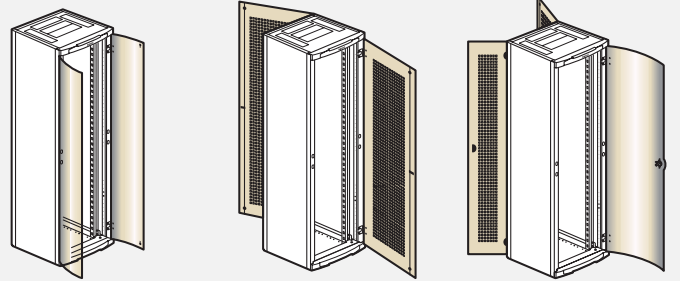
### CABINET DEFINITION



1: Supplied ready for assembly

## 19" LCS<sup>2</sup> FREESTANDING CABINETS (CONTINUED)

Option of solid or microperforated metal doors, screen-printed glass doors, double doors or no doors

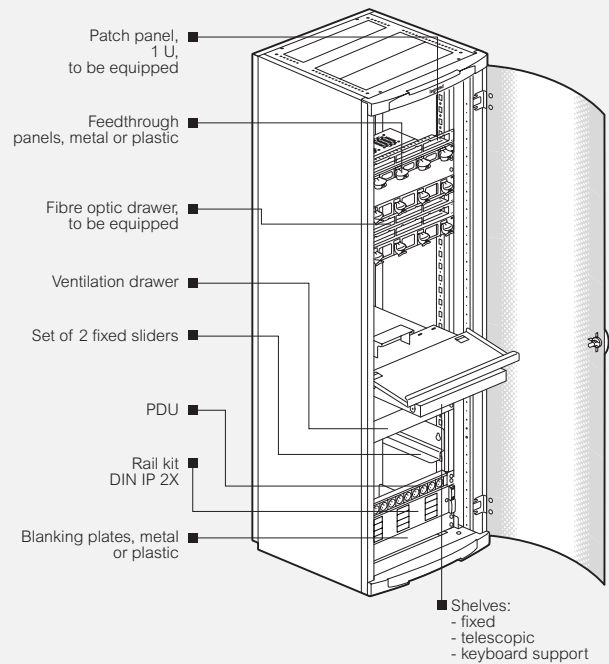


Cabinet fitted with screen-printed glass double door at the front (42 U/47 U panels; width 800 mm)

Cabinet fitted with microperforated metal doors at the front and rear (opening to the left)

Cabinet fitted with microperforated metal double rear door and screen-printed glass front door

### 19" EQUIPMENT ASSEMBLY



## COLOURS



180 RAL colours available.  
Optional touch-up brush in the selected RAL

# Legrand cabling system LCS<sup>2</sup>

## Compliance of the LCS<sup>2</sup> systems with standards and certifications

LCS<sup>2</sup> systems and components (de-embedded) conform to the following standards:

- TIA/EIA 568C
- EN 50173-1 and EN 50173-2
- ISO/IEC 11801 version 2

The LCS<sup>2</sup> system supports 10G applications Base-T up to 100 m in a transmission channel. Conforms with standards ISO/IEC 24750, TIA TSB 155 and IEEE 802.3 an

The Ea link class of the LCS<sup>2</sup> system also conforms with amendment 1 (04/2008) of standard ISO 11801 and its components conform with amendment 2

LCS<sup>2</sup> systems are certified by expert independent laboratory 3P



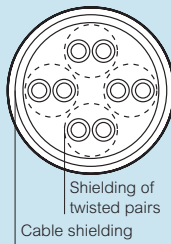
## Main characteristics of the LCS<sup>2</sup> systems

	LCS <sup>2</sup> 6A		LCS <sup>2</sup> 6		LCS <sup>2</sup> 5e
<b>Frequency</b>	500 Mhz		250 Mhz		100 Mhz
<b>Speed</b>	10 Gbit/s		1 Gbit/s		1 Gbit/s
<b>Wiring</b>	Copper	FO	Copper	FO	Copper
<b>Connectors</b>	RJ 45	SC-LC...	RJ 45	SC-LC...	RJ 45
<b>Length cable max.</b>	100 m	variable	100 m	variable	100 m

## New names for LAN cables (according to ISO 11801-2)

They correspond to: "type of cable shield"/ "type of twisted pair shield" TP monitoring (for twisted pairs)

Type of cable		Shield of the cable	Shield of pairs twisted
old name	new name		
SSTP	S/FTP	S: screen made up	F: screen formed a metal braid of a ribbon alumin/polyester
SFTP	SF/UTP	SF: combination of ribbon + braid	U: no screen
STP	U/FTP	U: no screen	F: screen formed of a ribbon alumin/polyester
FTP	F/UTP	F: screen formed of a ribbon alumin/polyester	U: no screen
UTP	U/UTP	U: no screen	U: no screen



## Area distribution boxes

### Compliance with standards:

- Area distribution box: TIA/EIA 568
- UTE C 15-900
- NF C 15-100 - NF C 20-730
- EN 50-174.2
- ISO 11801
- EN 50173
- IEC 60950

Cords and cables: ISO 11801 id.2.0, EN 50173-1, TIA/EIA 568

### General characteristics:

- 6 or 12 incoming ports (depending on Cat.No) RJ 45 wiring
- 4 to 8 or 12 outgoing ports (depending on Cat.No) maximum
- Connection of mixed cords via RJ 45 connector (RJ 45/stripped)
- UTP and FTP versions
- Cat. 5e and 6
- for computer applications; telephone, access control etc.

### Technical characteristics:

- material: Polycarbonate PC hood  
Polypropylene PP base
- colour: RAL 7035
- Weatherproofing protection index: IP 21
- Mechanical shock protection index: IK 07
- hold connector units in place in the box: 100 N
- Cables anchored on support using Colring cable ties

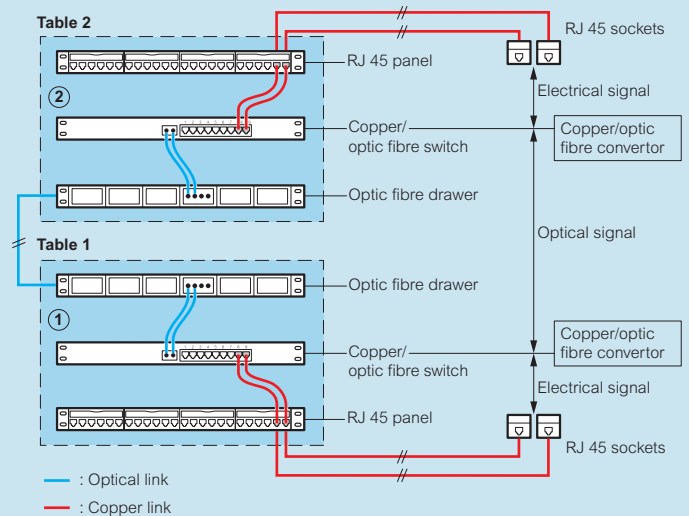
## Fibre optic

### New optical classes ISO 11801 2nd Ed.

#### Parameters of the optical link (ISO 11801/EN 50173)

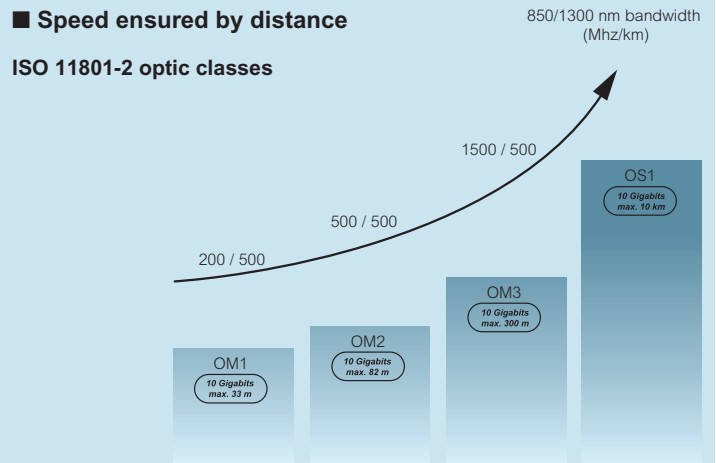
Parameter	Multimode		Monomode	
	850 nm	1 300 nm	1 310 nm	1 550 nm
<b>Fibre attenuation dB/km</b>	3.5 max.	1.5 max.	1.0	1.0
<b>Bandwidth MHz.km</b>	200 min.	500 min.	n/a	n/a
<b>Connector attenuation dB</b>	0.75 max.	0.75 max.	0.75 max.	0.75 max.
<b>Return loss dB</b>	20 min.	20 min.	26 min.	26 min.

### Typical layout of an optical link between 2 distribution blocks



### Speed ensured by distance

#### ISO 11801-2 optic classes



Protocols (length max.)	Multimode fibre			Monomode fibre
	OM 1	OM 2	OM 3	OS 1
<b>10 Gb Ethernet (S/L base)</b>	33 m	82 m	300 m	10 km
<b>Ethernet Gb (LX base)</b>	550 m	550 m	550 m	2 km
<b>Ethernet Gb (SX base)</b>	275 m	550 m	550 m	-
<b>Fast Ethernet</b>	2000 m	2000 m	2000 m	2 km
<b>Ethernet 10 Mbps</b>	2000 m	1514 m	1514 m	-
<b>Desired perennity</b>	> 10 years	10 to 15 years	> 15 years	> 15 years
<b>Market trend</b>	↘ ↘	→	↗ ↗	↗

# Legrand cabling system LCS<sup>2</sup> (continued)

## Flush-mounting Ethernet 10/100 base T switches

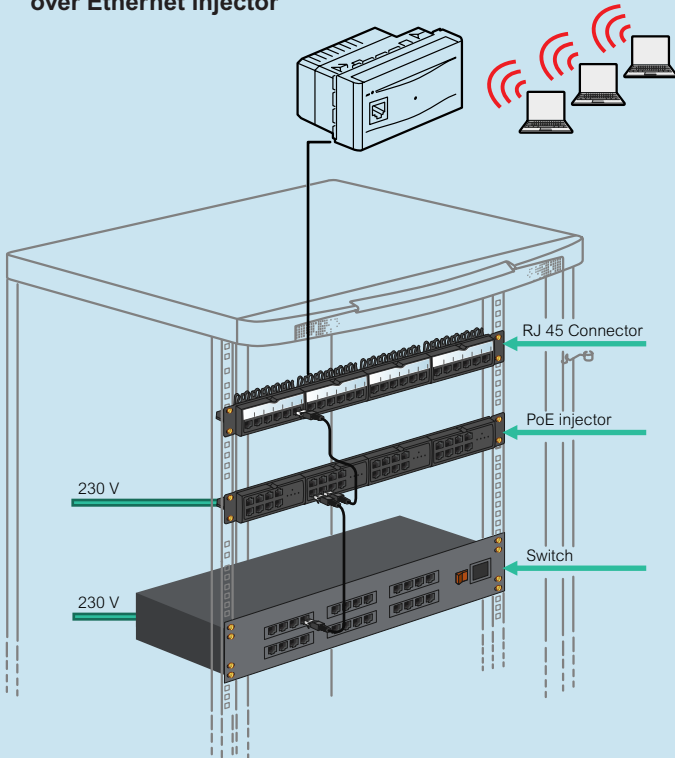
	779 00	779 01	779 20
<b>Power supply</b>	230 V	PoE	230 V
<b>Speed</b>	100 Mbps		
<b>Standards</b>	802.3 / 802.3u	802.3u 802.3 af	802.3 / 802.3u
<b>Common technical characteristics</b>	<ul style="list-style-type: none"> <li>Operating temperature: from 0°C to +40°C</li> <li>Max. humidity level permissible: 95 %</li> <li>Auto MDI-X (takes crossed and straight cords)</li> <li>Orange LED: - on: speed of 100 Mbps - off: speed 10 Mbps</li> <li>Green LED on traffic</li> </ul>		
<b>Additional characteristics</b>	<ul style="list-style-type: none"> <li>SNMP V2C (RFC 1901-1908)</li> <li>Support MIB II (RFC 1213)</li> <li>IP addressing via DHCP (according to RFC 2131)</li> <li>Can be administered via WEB interface</li> <li>Backup and updating of configuration files (Upload/download)</li> </ul>		

## Mosaic Wi-Fi access points

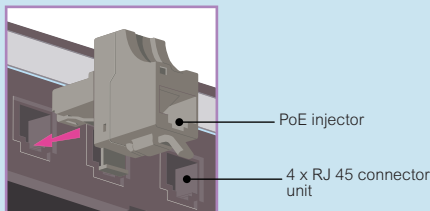
### An 802.11 a and b/g solution

	MOSAIC WiFi Access Point Cat. Nos 77913/14		LCS <sup>2</sup> Cat. Nos 335 21/22
<b>Radio communication standard</b>	802.11 b/g	802.11 a	802.11 b/g/n or 802.11 a/n
<b>Power supply standard</b>	Power over Ethernet 802.3 af		
<b>Frequency band</b>	2.4 GHz	5 GHz	2.4 GHz or 5 GHz
<b>Channel width</b>	20MHz	20MHz	40MHz or 20MHz
<b>Max. gross speed</b>	54 Mbps max	54 Mbps	300 Mbps

## Installation principle for a Wi-Fi access point with Power over Ethernet injector



Particular case of the 1 port PoE: Clips directly onto a port on any patch panel  
A single cord is necessary to connect it to a port on the switch



## Benefits of a Legrand Wi-Fi access point

- Possibility of simultaneous operation on 2 frequencies, a and b/g  
New products: invited access: used to allocate a network dedicated to visitors  
Provides a max. gross speed of up to 2 x 54 Mbps in simultaneous mode
- Very high security level: WPA2 encryption (802.11i) and authentication (802.1x)
- Possibility of roaming (moving from one access point to another without breaking the link)
- Quality of service (priority automatically given to voice, then video and finally data)
- Easy to configure and make secure: using the CD supplied with the access point

## Installation

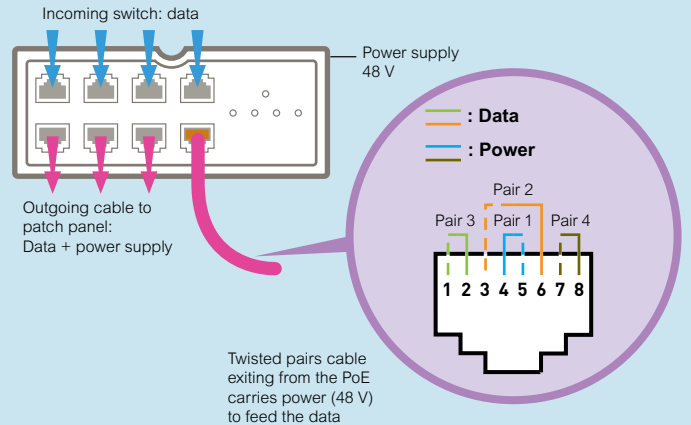
In all supports able to take a Mosaic mechanism (trunking, columns, flush-mounting boxes, floor boxes, etc.)  
Do not place access points behind anything that could limit the antenna's range  
Access points are connected tool-free via an RJ 45 connector

## Sizing

- Provide 1 access point for 1 localised requirement (in entrance hall)
- Provide 1 access point per 100 m<sup>2</sup> for overall coverage and a maximum gross speed
- Provide 1 access point with an RJ 45 socket for a desk used by visitors

## Operation of PoE injector

A PoE injector has one input and one output per access point to be supplied



Twisted pairs cable exiting from the PoE carries power (48 V) to feed the data

# Legrand cabling system LCS<sup>2</sup>

## LCS<sup>2</sup> 19" and 10" wall-mounting cabinets

### General characteristics

Metallic wall-mounting cabinets  
 RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching  
 Front safety glass door  
 Protection index (weatherproof) against solid objects and liquids: IP 20  
 Protection index against mechanical shocks: IK 08  
 Perforations in uprights: 9,5 x 9,5 mm  
 Permissible load: 3 kg/U (or 48 kg for a 19" cabinet 16 U)  
 12 kg for the 10" cabinet 6 U

### Compliance with standards

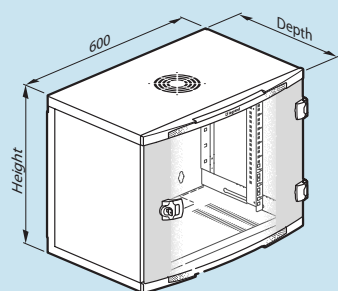
LCS<sup>2</sup> cabinets comply with the following standards:

<b>IEC 60529</b> <b>EN 60529</b>	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
<b>IEC 62262</b> <b>EN 62262</b>	(EN 50102, NF C 20-015) Degrees of protection provided by enclosures of electrical material against external mechanical impacts (IK code)
<b>IEC 60950-1</b> <b>EN 60950-1</b> <b>C 77-210-1</b>	Safety of data processing equipment
<b>EIA-310-D</b>	Cabinets, enclosures, panels and associated equipment (ANSI / EIA / 310-D-1992)
<b>IEC 60297-1 &amp; 2</b> <b>DIN 41414-7</b>	(NF C 20-150, NF C 20-151) Sizes of mechanical structures of the 482.6 mm (19 in) series

LCS<sup>2</sup> cabinets can be integrated into installations complying with the following standards:

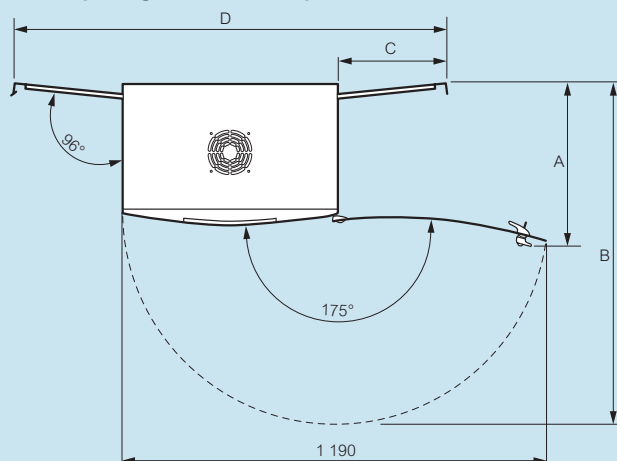
<b>EN 50173-1</b>	Information technology - Generic cabling systems
<b>EN 50174-1 &amp; 2</b> <b>C 90-480-1 &amp; 2</b>	Information technology - Cabling installation
<b>ISO IEC 11801</b>	Information technology - Generic cabling for customer premises
<b>NF C 15-100</b> <b>Part 4-41</b>	Low voltage electrical installations - Recommendations
<b>UTE C90-483</b>	Residential cabling for communication networks

### Overall dimensions (mm)

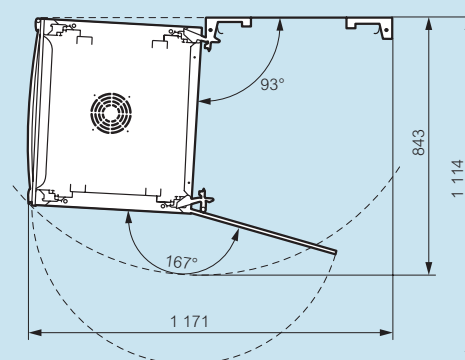


	Cat.Nos	Capacity	Height	Width	Depth
19" fixed cabinets	0 462 00	6 U	350	600	400
	0 462 01	9 U	500		
	0 462 02	12 U	600		
	0 462 03	16 U	800		580
	0 462 06	9 U	500		
	0 462 07	12 U	600		
	0 462 08	16 U	800		
0 462 09	21 U	1000	600		
0 462 11	9 U	500			
0 462 12	12 U	600			
0 462 13	16 U	800			
0 462 14	21 U	1000	600		
10" cabinet	0 462 20	6 U		352	314

### Front opening door and side panels

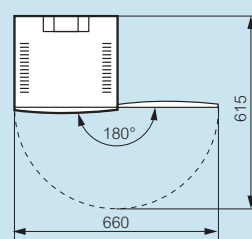


### Pivoting bottom opening



	Cat.Nos	Open doors		Open panels	
		A	B	C	D
19" fixed cabinets	0 462 00	400	962	305	1205
	0 462 01				
	0 462 02				
	0 462 03				
	0 462 06				
	0 462 07				
	0 462 08				
19" pivoting cabinets	0 462 09	580	1140	482.5	1565
	0 462 11				
	0 462 12				
	0 462 13				
	0 462 14				

### 10" cabinet door opening Cat.No 0 462 20

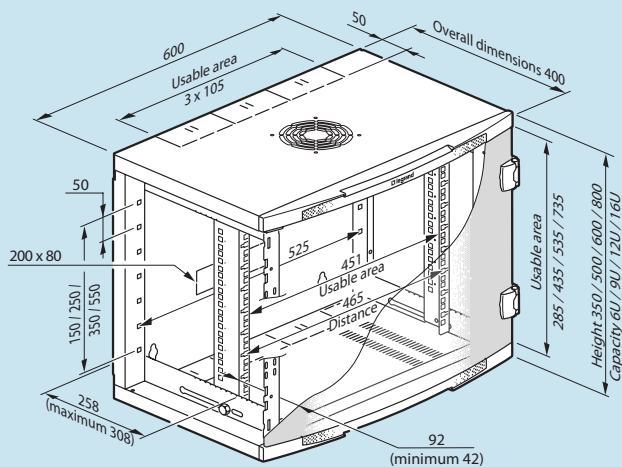


# Legrand cabling system LCS<sup>2</sup>

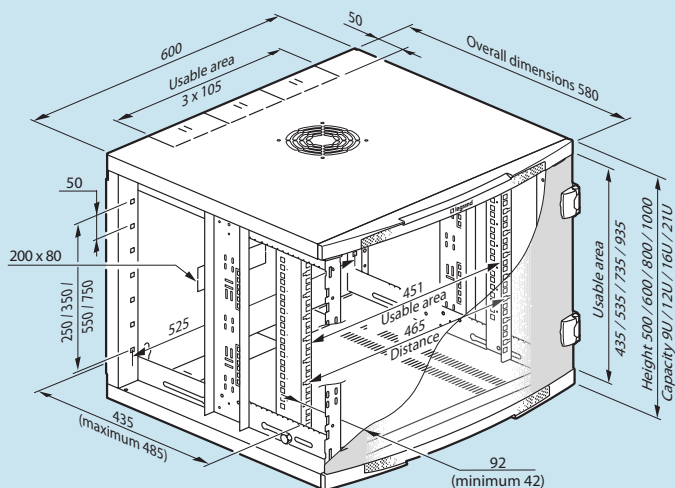
## LCS<sup>2</sup> 19" and 10" wall-mounting cabinets (continued)

### ■ Useable dimensions (mm)

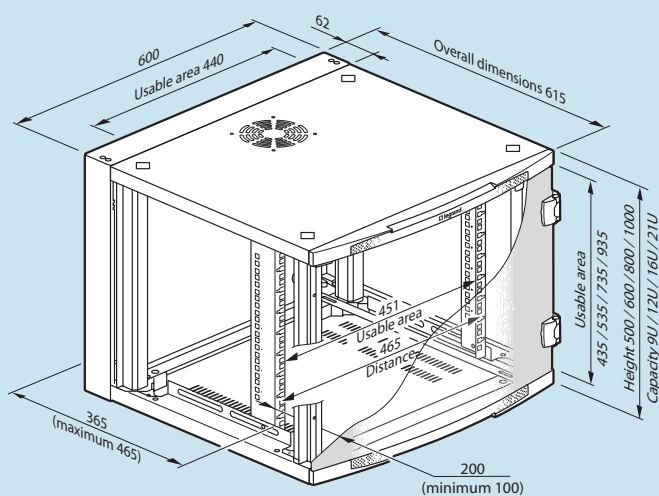
#### 19" LCS<sup>2</sup> fixed cabinets depth 400 mm



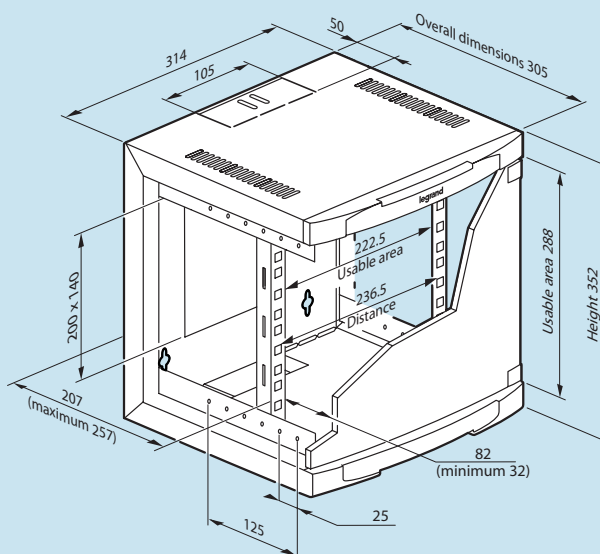
#### 19" LCS<sup>2</sup> fixed cabinets depth 580 mm



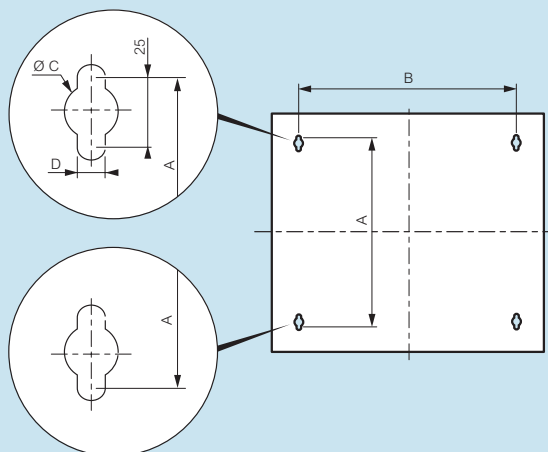
#### 19" LCS<sup>2</sup> pivoting cabinets depth 600 mm



#### 10" LCS<sup>2</sup> cabinet depth 300 mm



### ■ Fixing of cabinets (mm)



	Capacity	A	B	C	D
19" fixed cabinets	6 U	275			
	9 U	425			
	12 U	525	408	20	11
	16 U	725			
	21 U	925			
19" pivoting cabinets	9 U	425			
	12 U	525			
	16 U	725	500	18	9
	21 U	925			
10" cabinets	6 U	275	250	15	6.5

### ■ Weight (kg)

	Cat.Nos	Weight
19" fixed cabinets	0 462 00	16.7
	0 462 01	20.4
	0 462 02	22.8
	0 462 03	26
	0 462 06	25.7
	0 462 07	32.7
	0 462 08	41.5
	0 462 09	52.5
	0 462 11	31.8
19" pivoting cabinets	0 462 12	40
	0 462 13	47.3
	0 462 14	59
10" cabinet	0 462 20	8

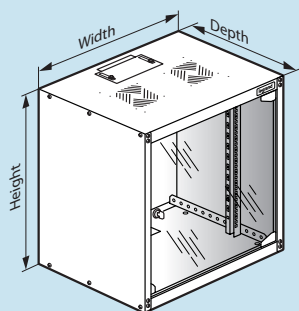
## fixed 19" Linkeo wall-mounting cabinets

### ■ General characteristics

Metallic wall-mounting cabinets  
RAL 7035 textured polyester coating providing excellent resistance to corrosion and scratching  
Glass safety door  
Protection index (weatherproof) against solid objects and liquids: IP 20  
Protection index against mechanical shocks: IK 08  
Perforations in uprights: 9.5 x 9.5 mm  
Permissible load: 3 kg/U (or 48 kg for a 19" cabinet 16 U)

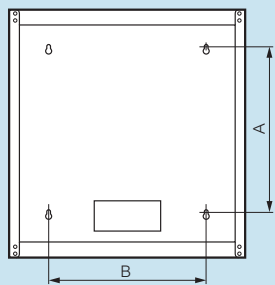
### ■ Compliance with standards: identical to 19" LCS<sup>2</sup> wall-mounting cabinets

### ■ Overall dimensions (mm)



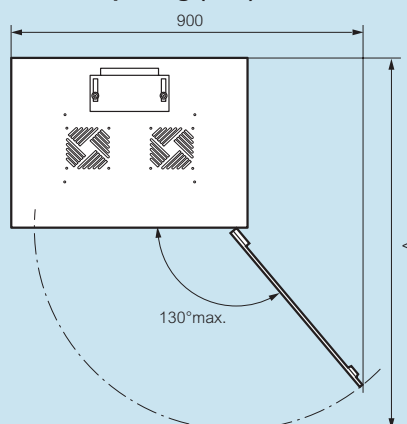
Cat.Nos	Capacity	Height	Width	Depth
0 462 30/35	6 U	367	600	400
0 462 31/36	9 U	500		400
0 462 42/47	12 U	625		600
0 462 43/48	16 U	810		600

### ■ Fixing (mm)



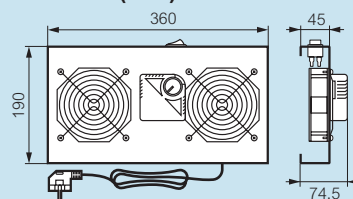
Cat.Nos	Capacity	A	B
0 462 30/35	6 U	153	400
0 462 31/36	9 U	286	
0 462 42/47	12 U	419	
0 462 43/48	16 U	597	

### ■ Door opening (mm)



Cat.Nos	Capacity	A
0 462 30/35	6 U	930
0 462 31/36	9 U	
0 462 42/47	12 U	1130
0 462 43/48	16 U	

### ■ Fan kit (mm)

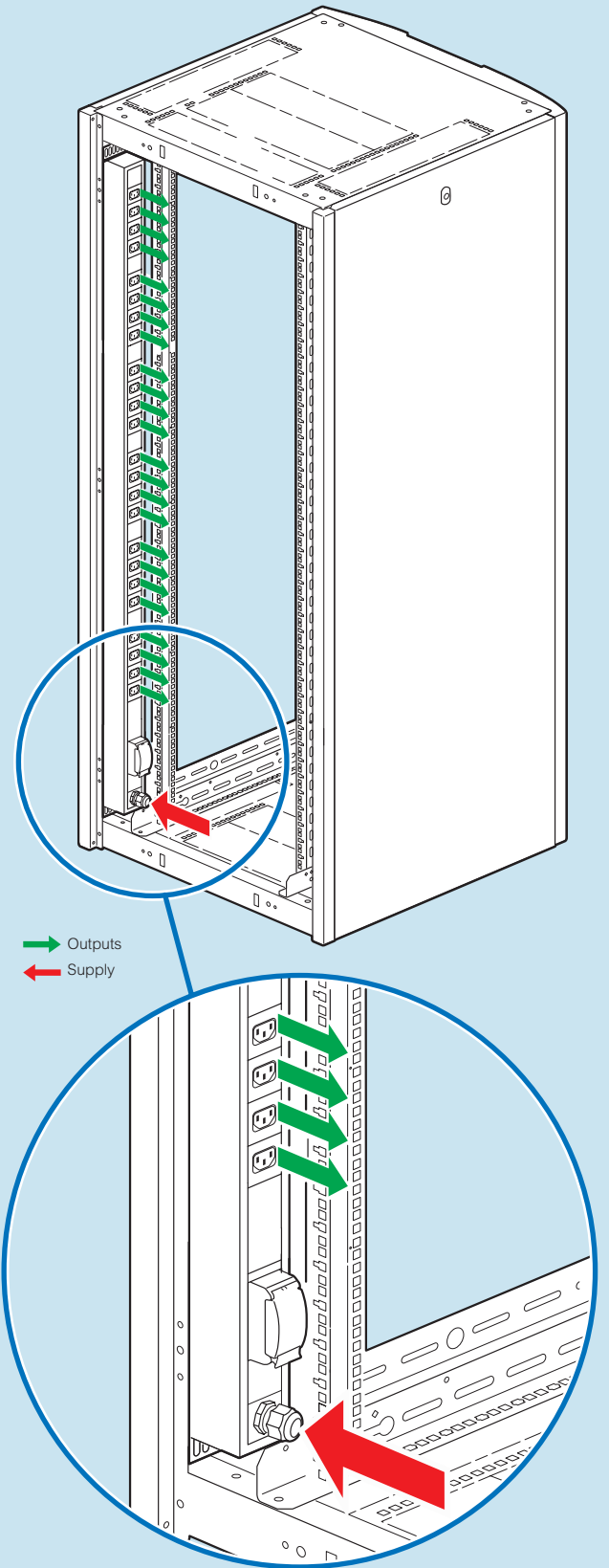
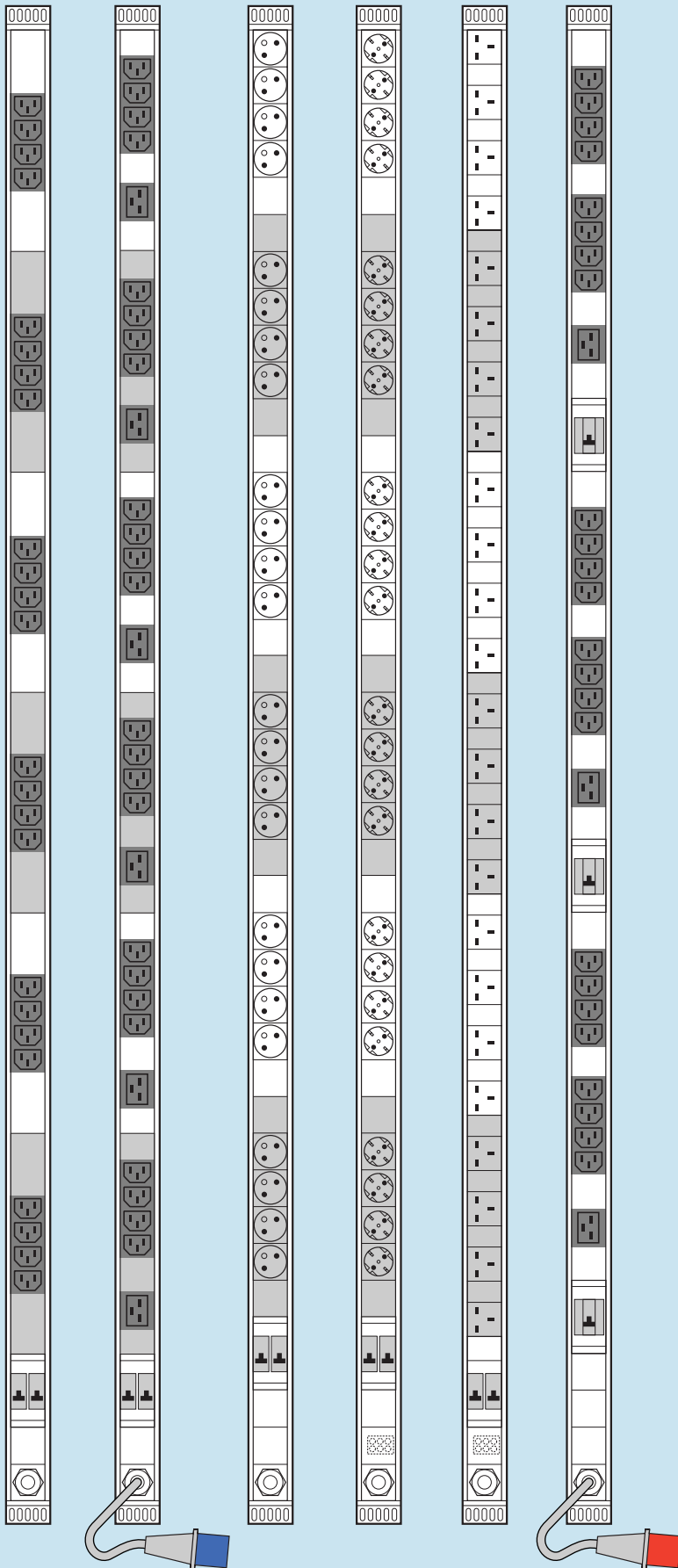


Cat.No	Ventilation zone	
	Number of fans	Output (m <sup>3</sup> /h)
0 462 70	2	160

**LCS<sup>2</sup> energy distribution**  
Vertical Power Distribution Units (PDU)

■ Vertical Power Distribution Units configuration

0 465 81    0 465 84    0 465 80    0 465 88    0 465 89    0 465 85



# Legrand cabling system LCS<sup>2</sup>

## 19" LCS<sup>2</sup> freestanding cabinets and server freestanding cabinets

### General characteristics

Metallic extendable freestanding cabinets. RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching  
 Front glass safety door, front and rear microperforated metal doors for server freestanding cabinets.  
 Protection index (weatherproof) against solid objects and liquids: IP 08  
 Protection index against mechanical shocks: IK 08  
 Perforations in 19" uprights: 9.5 x 9.5 mm  
 Permissible load: 10 kg/U (or 420 kg for a 42 U enclosure), 15 kg/U for server freestanding cabinet

### Compliance with standards

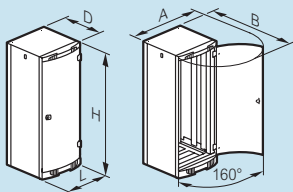
LCS<sup>2</sup> cabinets comply with the following standards:

IEC 60529 EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 EN 62262	(NF EN 50102, NF C 20-015) Degree of protection provided by enclosures of electrical equipment against external mechanical impacts (IK code)
IEC 60950-1 EN 60950-1 C 77-210-1	Safety of data processing equipment
EIA-310-D	Cabinets, enclosures, panels and associated equipment (ANSI/EIA/310-D-1992)
IEC 60297-1 and 2 DIN 41414-7	(NF C 20-150, NF C 20-151) Sizes of mechanical structures of the 482.6 mm (19 in) series
IEC 60917-1 EN 60917-1	Modular order for the development of mechanical structures for electronic infrastructures
IEC 60917-2-1 EN 60917-2-1	Modular order for the development of mechanical structures for electronic infrastructures Coordination dimensions for infrastructure interfaces in widths of 25 mm (enclosure and frame dimensions)

LCS<sup>2</sup> cabinets can be integrated into installations complying with the following standards:

EN 50173-1	Information technology - Generic cabling systems
EN 50174-1 & 2 C 90-480-1 & 2	Information technology - Cabling installation
ISO IEC 11801	Information technology - Generic cabling for customer premises
NF C 15-100 Part 4-41	Low voltage electrical installations - Recommendations

### Overall dimensions (mm)

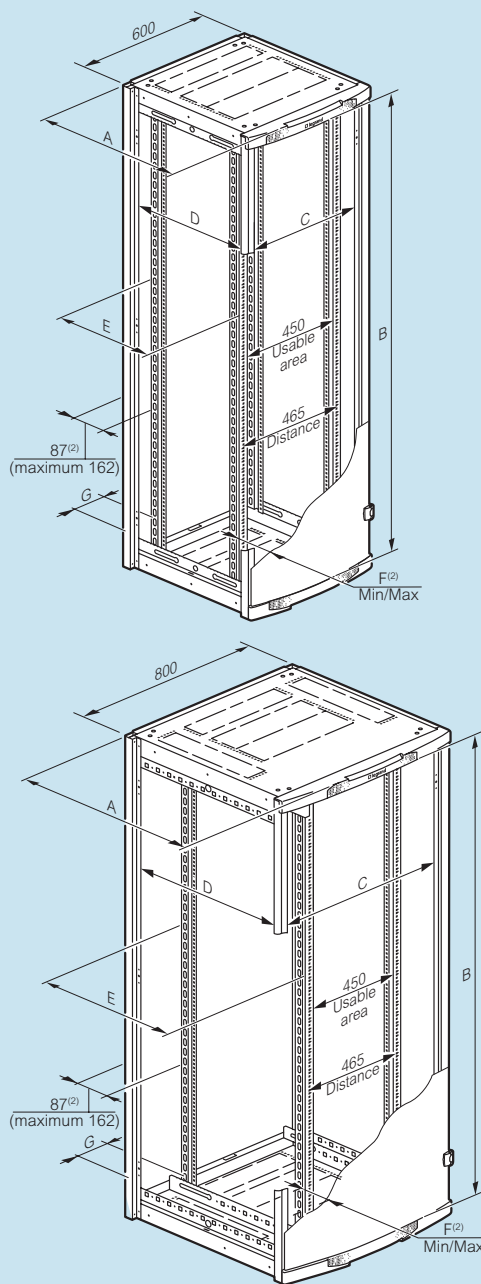


Cat.Nos	Capacity	H <sup>(1)</sup>	L	D	A	B	
0 463 00	24 U	1226	610	659	1138	1208	
0 463 06	29 U	1448					
0 463 12	33 U	1626					
0 463 18/30	42 U	2026	810	1057	1525	1808	
0 463 19							859
0 463 21							657
0 463 22/33							857
0 463 23	47 U	2248	1057	1525	1808	1808	
0 463 28							857
0 463 29							1057

### Server freestanding cabinets

Cat.Nos	Capacity	H <sup>(1)</sup>	L	D	A	B
0 463 85	42 U	2026	610	1092	1138	1608
0 463 86	42 U	2026	810	1092	1525	1808

### Useable dimensions



Cat.Nos	Capacity	A	Usable area			E	F <sup>(2)</sup>		G
			B	C	D		Min.	Max.	
0 463 00	24 U	659	1086	490	425	118	193	41	
0 463 06	29 U		1308						
0 463 12	33 U		1486						
0 463 18/30	42 U	810	859	690	625	122	197	141	
0 463 19			657						
0 463 21			857						
0 463 22/33			1057						
0 463 23	47 U	1057	1057	890	825	122	197	141	
0 463 28			857						
0 463 29			1057						

### Server freestanding cabinets

Cat.Nos	Capacity	A	Usable area			E	F <sup>(2)</sup>		G
			B	C	D		Min.	Max.	
0 463 85	42 U	1092	1886	490	890	825	122	197	41
0 463 86	42 U	1092	1886	690	890	825	122	197	141

1: Without adjustment levelling feet (+15 to 45 mm with feet)

2: Continuous adjustment with adjustments in steps of 12.5 mm



# Legrand cabling system LCS<sup>2</sup>

## 19" LCS<sup>2</sup> freestanding cabinets, server freestanding cabinets and equipment

### ■ LCS<sup>2</sup> cable entries (mm)

Pre-cut at the top and bottom in 19" format (useable area 451 mm)

	Width 600	Width 800
Depth 600		
Depth 800		
Depth 1000		

### ■ LCS<sup>2</sup> server freestanding cabinets, cable entries (mm)

Pre-cut at the top in 19" format (useable area 451 mm)

Bottom central cut (805 x 450 mm)

	Top	Bottom
Width 600		
Width 800		

### ■ Weight cabinets (kg)

Weights shown correspond to net weight (without packaging)

Cat.Nos	Weight cabinet	Weight Extension cabinet
0 463 00	69	-
0 463 06	77	-
0 463 12	84	-
0 463 18/30 (ext)	99	72
0 463 19	110	-
0 463 21	114	-
0 463 22/33 (ext)	127	90
0 463 23	151	-
0 463 28	138	-
0 463 29	163	-

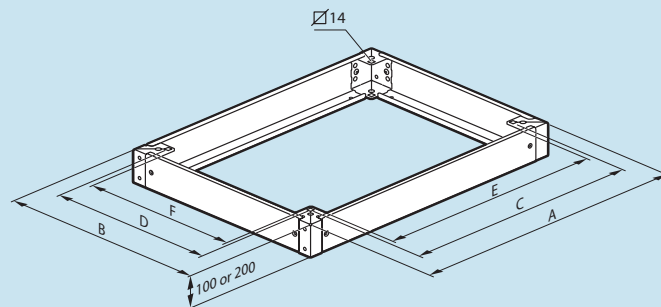
### ■ Weight server freestanding cabinets (kg)

Weights shown correspond to net weight (without packaging)

Cat.Nos	Weight cabinet
0 463 85	155
0 463 86	166

### ■ Freestanding cabinets plinths (mm)

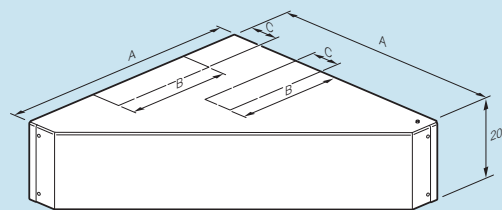
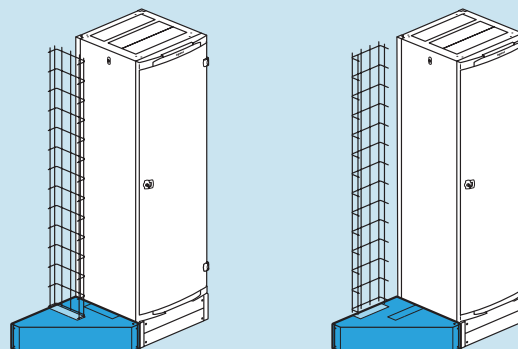
Plinth kit + side traps



Cabinet dim. Width x Depth	Overall		Mounting		Usable area	
	A	B	C	D	E	F
600 x 600	599	599	478	478	449	449
600 x 800	599	799	478	678	449	649
800 x 600	799	599	678	478	649	449
800 x 800	799	799	678	678	649	649
600 x 1000	599	999	478	878	449	849
800 x 1000	799	999	678	878	649	849

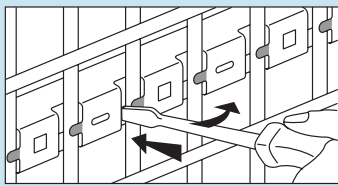
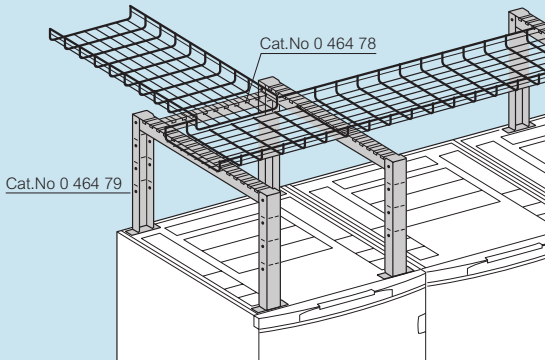
### ■ Linking interface (mm)

Left or right assembly of a cabinet fitted with a 200 mm high plinth  
Reversible interface cover



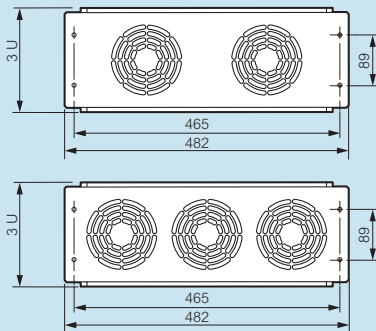
Cabinet dim. Depth	A	B	C
600	595	435	120

### ■ Supports for cable trays on server cabinets



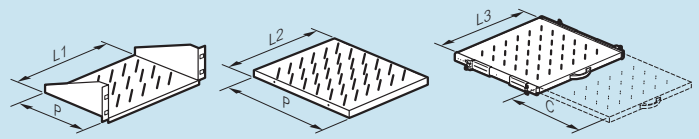
Cable trays can be installed quickly on the supports  
Cat.Nos 0 464 72/73/74/78/79

### ■ 19" plates with fans (mm)



Cat.Nos	Ventilation zone	
	Number of fans	Output (m <sup>3</sup> /h)
0 464 87	2	180
0 464 88	3	270

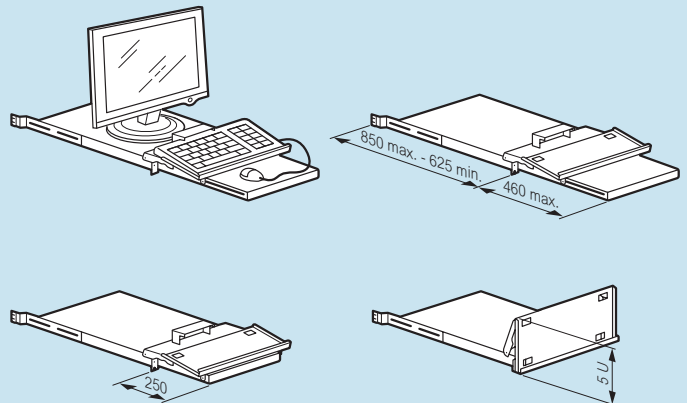
### ■ Shelves (mm)



Cat.Nos	D	Useable width			C
		L1	L2	L3	
0 465 00	115	435			
0 462 23 <sup>(1)</sup>	120	216			
0 465 01	200	435			
0 465 02	360	435			
0 465 05	450		440		
0 465 06	650		440		
0 465 07	850		440		
0 465 08	450			425	320
0 465 09	650			425	420
0 465 10	650			425	420
0 465 17	820		425		
0 465 18	820			380	650

1: Fixing centre 236.5 mm

### ■ Keyboard support shelf (mm)

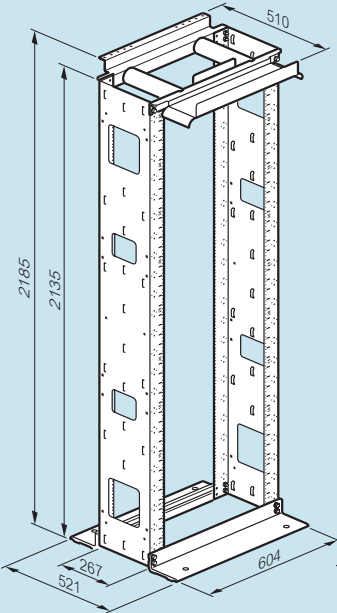


# Legrand cabling system LCS<sup>2</sup> 19" HD (High Density) racks

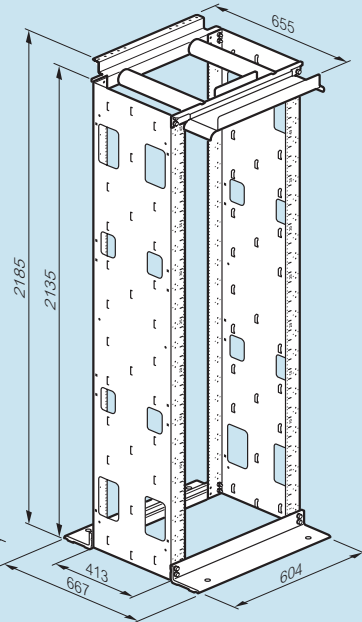
■ **19" HD Racks**

Permissible load: 15 kg/U

0 464 06



0 464 07

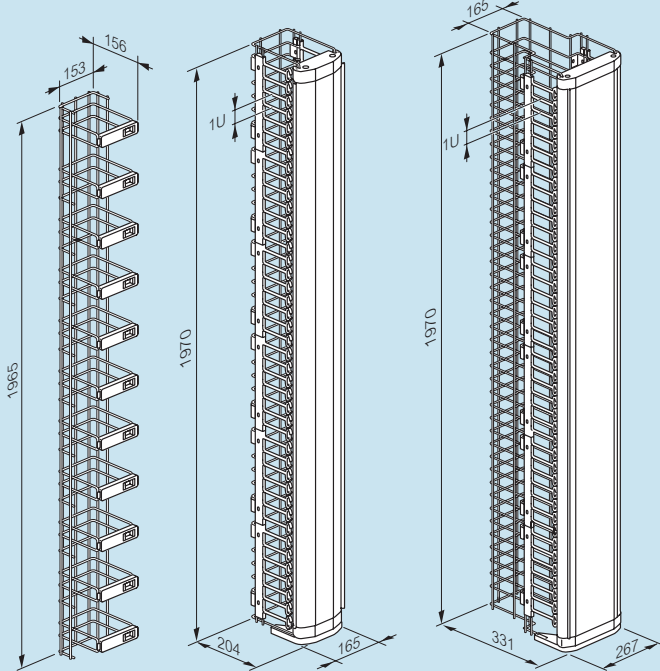


■ **Cord management grids**

0 464 25

0 464 26

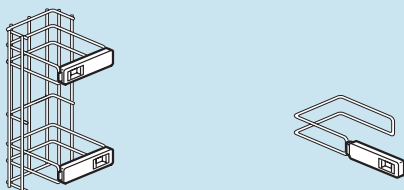
0 464 27



■ **0 464 25**

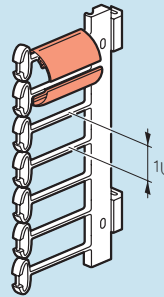
**Swing latch replacement installation**

Installation can be either right or left hand swing out

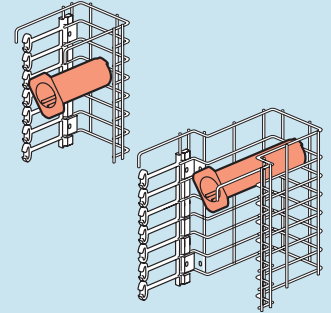


■ **0 464 26/27**

**Bend limiting clips**

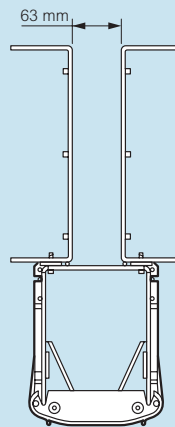


**Cord coiling support**

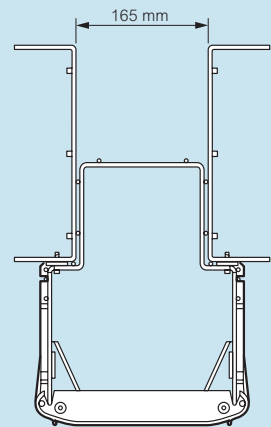


■ **Joining racks with grid**

0 464 25/26

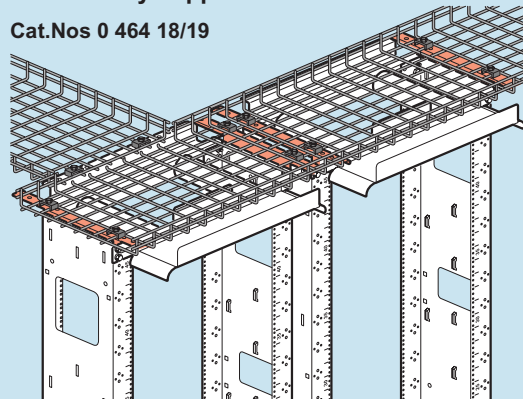


0 464 27



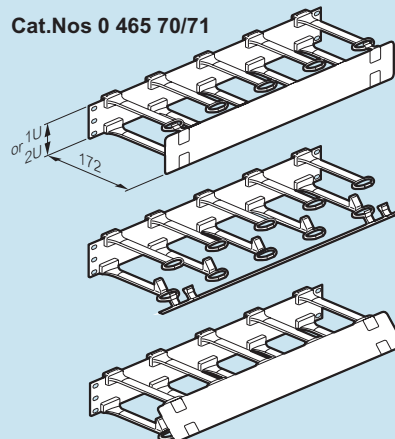
■ **Cable tray support**

Cat.Nos 0 464 18/19



■ **19" cord management panels**

Cat.Nos 0 465 70/71



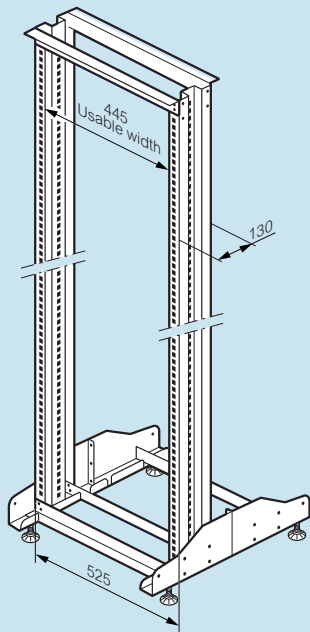
# 19" bati-rack

## General characteristics

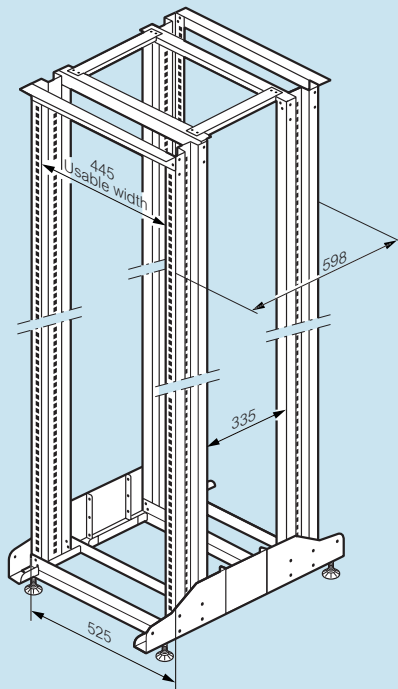
Metallic bati-rack  
RAL 7035 textured polyester coating providing excellent resistance to corrosion and scratching  
Perforations in 19" uprights: 9.5 x 9.5 mm  
Permissible load: 300 kg

## Dimensions (mm)

### 2 uprights bati-rack Cat.No 0 463 95



### 4 uprights bati-rack Cat.No 0 463 96



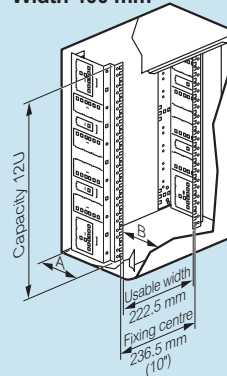
# wall-mounting rack for weatherproof cabinets

## Rack mounting in weatherproof cabinets

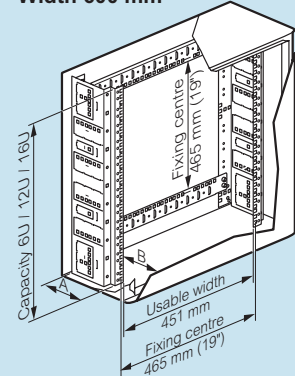
Perforations in uprights: 9.5 x 9.5 mm

Atlantic cabinets					
Rack Cat.Nos	Capacity	Cat.Nos	Dimensions H x W x D (mm)	Usable dim. under door	
				A (mm)	B (mm)
0 462 27	6 U	0 355 06	400 x 600 x 250	145	105
0 462 28	12 U	0 355 08	600 x 400 x 250	145	105
0 462 28	12 U	0 355 10	600 x 600 x 250	145	105
0 462 28	12 U	0 355 20	600 x 600 x 300	145	155
0 462 28	12 U	0 355 36	600 x 600 x 400	145	255
0 462 28	12 U	0 355 21	600 x 800 x 300	145	155
0 462 29	16 U	0 355 14	800 x 600 x 250	145	105
0 462 29	16 U	0 355 23	800 x 600 x 300	145	155
0 462 29	16 U	0 355 28	800 x 600 x 400	145	255
0 462 29	16 U	0 355 15	800 x 800 x 250	145	105
0 462 29	16 U	0 355 24	800 x 800 x 300	145	155
Marina cabinets					
0 462 28	12 U	0 362 55/75	600 x 400 x 250	150	100
0 462 29	16 U	0 362 61/81	800 x 600 x 300	150	150

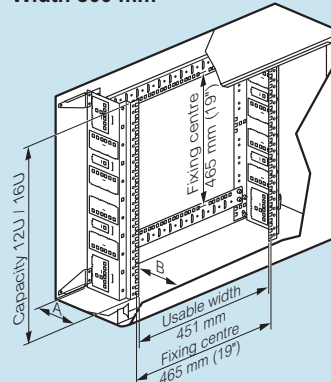
### Width 400 mm



### Width 600 mm

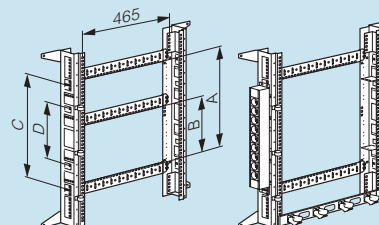


### Width 800 mm



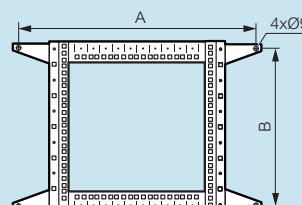
Depth adjusting aid with slides Cat.Nos 0 367 44/45 for Atlantic cabinets depth 300 and 400 mm

## Rack fixing centres (mm)



Cat.Nos	Capacity	A	B	C	D
0 462 27	6 U	-	236.5	-	236.5
0 462 28	12 U	465	236.5	465	236.5
0 462 29	16 U	465	236.5	465	236.5

## Wall fixing (mm)



Wall-mounting rack			
Cat.Nos	Capacity	A	B
0 462 27	6 U	725	325
0 462 28	12 U	725	525
0 462 29	16 U	725	725

# catalogue number index

Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack
<b>0 320 00</b>			0 326 20	80	1	0 328 78	63	500	0 332 80	85	1	0 335 79	76	1	0 462 48	93	1
			21	-	1	88	76	1	81	-	1	82	72	1	55	92	1
0 320 68	98	50	22	-	1	91	-	1	87	95	1	83	-	1	60	-	1
			23	-	1				88	-	1	84	62	1	64	-	1
0 325 00	77	2000	24	-	1	0 329 07	78	1	91	85	1	85	-	1	70	93	1
01	-	2000	25	-	1	46	101	1	93	85	1	86	-	1	90	78	1
04	-	2000	26	-	1	47	-	1				88	72	1	91	-	1
05	-	2000	27	-	1	<b>0 330 00</b>			0 335 01	75	1	89	66	1			
06	-	2000	52	-	10	0 330 48	80	1	01	85	1	90	62	1	0 463 00	87	1
07	-	2000	53	-	10	49	-	1	02	75	1	91	-	10	06	96	1
08	-	2000	54	-	10	61	83	3	05	-	1	92	93	1	12	-	1
09	-	2000	56	-	10	62	-	3	06	-	1	93	78	1	18	-	1
10	-	2000	57	-	10	63	-	3	07	-	1	94	-	8	19	87	1
11	-	2000	58	-	10	65	-	3	09	-	1	96	87	1	21	-	1
12	-	2000	61	-	10	66	-	3	10	-	1	97	-	1	22	-	1
13	-	2000	62	-	10	69	-	3	11	-	1	98	-	1	23	-	1
14	-	2000	90	-	1	70	-	3	12	74	1				28	-	1
15	-	2000	91	-	1	71	-	3	13	-	1	<b>0 340 00</b>			29	-	1
50	-	2000				72	-	3	16	-	1	0 348 48	92	1	30	-	1
51	-	2000	0 327 37	75	1	73	-	3	17	-	1	48	97	1	33	-	1
52	-	2000	44	80	1	75	-	3	18	-	1				34	-	1
53	-	2000	45	75	10	76	-	3	19	-	1	0 364 53	94	1	35	-	1
54	-	2000	46	-	10	77	-	3	20	82	1	54	-	1	37	-	1
55	-	2000	47	-	10	78	-	3	21	84	1				38	-	1
58	-	2000	48	-	10	80	-	3	22	-	1	<b>0 360 00</b>			39	-	1
59	-	2000	50	72	305	81	-	3	24	84	1	0 369 00	79	1	85	-	1
60	-	2000	51	-	305	82	-	3	25	85	1	01	-	1	86	-	1
69	78	1	52	-	305				26	-	1	02	-	1	95	101	1
70	-	1	53	-	305	0 331 00	80	10	27	-	1	03	-	1	96	-	1
71	-	1	54	67	305	27	-	10	30	76	1				97	-	1
72	-	1	55	-	305	35	98	1	31	-	1	<b>0 460 00</b>					
73	-	1	56	-	500	47	80	10	32	-	2	0 462 00	92	1	0 464 06	100	1
74	-	1	57	-	500	51	83	3	33	-	2	01	-	1	07	-	1
75	-	1	58	-	500	52	-	3	34	74	1	02	-	1	15	-	1
76	-	1	59	-	500	53	-	3	35	-	1	03	-	1	16	-	1
77	-	1	60	76	1	54	64	10	36	-	1	06	-	1	18	-	1
78	-	1	73	72	500	55	-	10	37	-	1	07	-	1	19	-	1
79	-	1	74	-	500	57	83	3	38	-	1	08	-	1	23	-	1
			76	67	500	80	73	10	39	-	1	09	-	1	25	-	1
0 326 00	83	3	77	63	500	81	69	10	40	70	1	11	-	1	26	-	1
01	-	3	78	-	500	84	98	10	44	-	1	12	-	1	27	-	1
02	-	3	80	87	1	85	-	10	45	-	1	13	-	1	50	97	1
03	-	3	81	-	1	86	-	10	46	-	1	14	-	1	51	-	1
04	-	3	83	75	10	87	-	10	51	72	1	20	93	1	52	-	1
05	-	3	86	79	1	88	-	10	52	-	1	23	-	1	53	-	1
06	-	3	87	63	500	89	-	10	54	-	2	24	-	1	54	-	1
07	-	3				94	-	50	55	-	2	25	-	1	56	-	1
08	-	3	0 328 50	72	500	95	-	50	61	66	1	26	-	1	58	-	1
09	-	3	53	-	500	96	-	50	62	-	1	27	101	1	60	-	1
10	-	3	56	67	305	97	80	1	63	-	1	28	-	1	61	-	1
11	-	3	57	-	305				64	-	2	29	-	1	62	-	1
12	-	3	59	-	500	0 332 37	95	1	65	-	2	30	93	1	63	-	1
13	-	3	61	-	500	38	-	1	66	-	2	31	-	1	64	-	1
14	-	3	63	-	500	60	76	1	67	-	1	35	-	1	66	-	1
15	-	3	71	-	1000	61	-	1	68	-	1	36	-	1	69	98	1
16	-	3	72	-	1000	62	-	1	73	62	1	42	-	1	70	-	1
17	-	3	73	72	1000	78	95	1	76	-	2	43	-	1	72	-	1
19	80	1	74	-	1000	79	-	1	77	-	2	47	-	1	73	-	1

Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack
0 464 74	98	1	<b>0 470 00</b>			0 517 62	67	1	0 533 03	76	3	0 765 92	68	10	<b>0 790 00</b>		
76	-	1				63	-	1				93	-	10			
77	-	1	0 472 72	99	1	64	-	1	0 539 49	75	5	94	-	5	0 792 50	91	10
78	96	1	75	-	1	65	-	5	<b>0 690 00</b>			95	-	5	54	-	1
79	-	1				72	-	1				96	-	5	55	-	10
80	98	1	0 473 62	99	1	73	-	1	0 695 56	73	1/20	97	73	5	57	90	1
81	-	1	63	-	1	74	-	1	57	-	1/20	98	-	10	64	-	1
82	96	1	91	-	1	75	-	1	61	69	1/20	99	64	5	75	-	1
83	97	1	92	-	1	80	63	5	69	-	5/100	<b>0 770 00</b>			0 793 77	90	1
84	-	1				81	-	5	79	75	1	0 778 80	75	1	78	-	1
85	-	1	0 476 83	99	1	82	-	5	80	-	10	81	-	1	79	-	1
86	-	1	93	97	1	83	-	5	81	69	1	91	69	10	<b>0 794 12</b>		
87	-	1	94	-	1	90	70	4	<b>0 760 00</b>			0 779 00	85	1	13	-	10
88	-	1	95	-	1	91	-	4	0 765 01	73	10	01	-	1	33	-	1
89	-	1	96	99	1	92	-	4	02	-	5	13	84	1	51	73	10
90	-	1	<b>0 480 00</b>			93	-	4	03	68	1	14	-	1	52	-	10
98	101	1	0 482 20	99	1	94	-	4	04	-	1	20	85	1	54	-	10
99	-	1	<b>0 510 00</b>			95	-	4	05	-	10	<b>0 780 00</b>			55	-	10
0 465 00	92	1	0 515 00	70	4	96	-	4	06	-	5	0 786 06	68	10	61	68	10
01	-	1	01	-	4	97	-	1	07	-	10	07	-	10	62	-	10
02	-	1	02	-	4	98	-	4	08	64	10	14	79	1	64	-	10
05	94	1	03	-	4	0 518 50	67	1	09	-	10	16	-	1	65	-	10
06	-	1	04	-	4	51	-	1	14	68	1	18	73	10	71	64	10
07	-	1	05	-	4	52	-	1	18	73	10	22	68	10	73	-	10
08	-	1	10	-	4	53	-	1	22	68	10	23	-	10	74	-	10
09	-	1	11	-	4	54	-	1	23	-	10	24	64	10	76	-	10
10	-	1	12	-	4	55	-	1	24	64	10	25	-	10	81	68	5
11	-	1	13	-	4	56	-	1	25	-	10	26	-	10	85	-	5
12	-	1	14	-	4	57	-	1	26	-	10	27	-	10	86	-	5
13	-	1	15	-	4	58	-	1	27	-	10	30	73	1	92	-	10
17	-	1				59	-	1	30	73	1	32	68	1	<b>0 900 00</b>		
18	-	1	0 516 36	72	1	60	-	1	32	68	1	33	-	1/10	0 904 67	69	1
19	-	1	37	-	1	61	-	1	33	-	1/10	25	-	10	<b>0 910 00</b>		
22	-	1	38	-	1	62	-	1	35	75	10	26	-	10	0 919 45	75	1
23	-	1	39	-	1	63	-	1	36	-	10	27	-	10	<b>5 720 00</b>		
28	-	1	40	-	1	64	-	1	37	-	10	0 787 50	91	10	5 720 83	85	1
29	-	1	41	-	1	65	-	1	38	-	10	51	-	10	84	-	1
30	-	1	42	-	1	66	63	5	39	-	10	52	-	1	85	-	1
31	-	1	43	-	1	67	-	5	41	73	5	53	-	1	89	88	1
32	-	1				68	-	5	42	-	5	54	-	1	90	-	1
33	-	1	0 517 01	76	50	69	-	5	44	68	5	55	-	10	91	-	1
38	-	1	02	-	50	70	-	5	46	-	5	56	-	10	92	89	1
39	-	1	03	-	50	71	-	5	51	73	10	57	90	1	93	-	1
40	-	1	04	-	50	72	-	5	52	-	10	58	91	1	96	88	1
41	92	4	06	-	50	73	-	5	54	-	10	60	-	10	97	-	1
42	-	4	07	-	50	74	-	5	55	-	10	63	-	1	5 722 70	89	10
45	95	1	09	-	1	75	-	5	61	68	10	64	90	1	71	-	1
50	-	1	20	87	1	76	-	5	62	-	10	68	-	1	72	-	1
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54	-	1	24	-	1	79	-	5	66	-	10	71	91	1	75	89	1
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62	-	1	40	75	10	81	-	5	71	64	10	73	-	1	77	-	1
65	-	1	41	-	10	82	-	5	73	-	10	74	-	1	78	88	1
70	100	1	52	67	5	83	-	5	74	-	10	75	91	10	79	-	1
71	-	1	53	-	5	84	-	5	76	-	10	76	-	10	80	89	10
80	95	1	54	-	5	85	-	5	81	68	10	77	90	1	81	88	1
81	-	1	55	-	5	<b>0 530 00</b>			82	-	10	78	-	1	82	-	1
84	-	1	57	70	4	0 533 00	76	3	83	-	5	79	-	1	88	-	1
85	-	1	58	-	4	01	-	3	84	64	10	80	-	1	89	10	
88	-	1	59	-	4	02	-	3	90	-	5	81	-	1	91	88	1
89	-	1							91	68	10	82	-	1			

Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack	Cat.Nos	Page No	Pack
5 722 83	89	1	5 723 32	71	10	5 725 91	88	1	5 727 88	88	1	5 728 35	75	10	5 728 76	84	1
84	-	1	33	-	10	92	89	1				36	-	10	77	-	1
88	88	1	35	75	10	93	-	1	5 728 02	69	10	39	69	1	78	-	1
			36	-	10	96	88	1	03	73	10	49	65	10	83	85	1
5 723 02	69	10	39	69	1	97	-	1	04	73	10	50	-	5	84	-	1
03	73	10	49	65	10				06	65	10	51	-	10	85	-	1
04	-	10	50	-	5	5 727 70	89	10	14	69	10	52	-	10			
06	65	10	51	-	10	71	-	1	15	73	10	53	69	5			<b>5 740 00</b>
14	69	10	52	-	10	72	-	1	16	69	10	54	-	10	5 744 01	89	1
15	73	10	53	69	5	73	-	1	17	-	10	55	69	10	51	-	1
16	69	10	54	-	10	74	88	1	22	-	10	57	65	5			<b>6 330 00</b>
17	-	10	55	-	10	76	89	1	23	-	10	58	-	10			
22	69	10	57	65	5	77	-	1	25	-	10	59	65	10	6 339 00	95	1
23	-	10	58	-	10	78	88	1	26	-	10						
25	69	10	59	-	10	79	-	1	28	73	10						
26	-	10	76	84	1	80	89	10	29	-	10						
28	73	10	77	-	1	81	88	1	30	71	10						
29	-	10	78	-	1	82	-	1	31	-	10						
30	71	10				83	89	1	32	-	10						
31	-	10	5 725 90	88	1	84	-	1	33	-	10						

In accordance with its policy of continuous improvement, the Company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in this catalogue are for guidance and cannot be held binding on the Company.