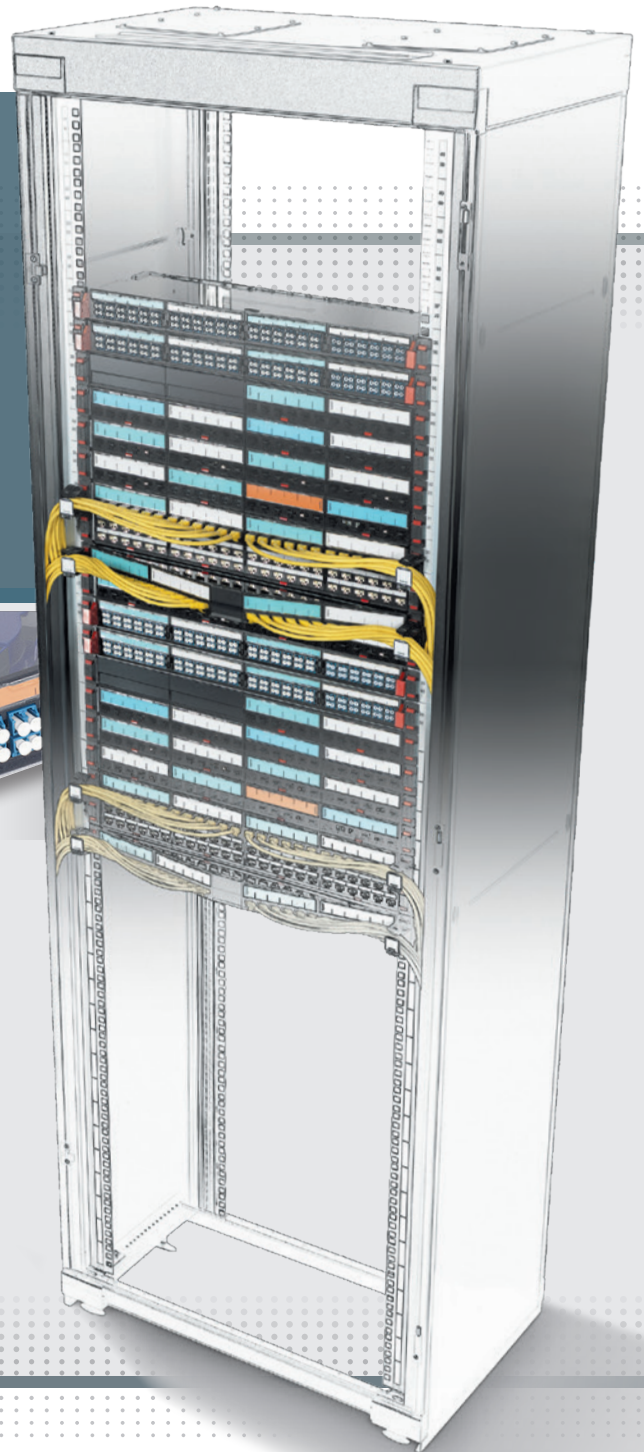
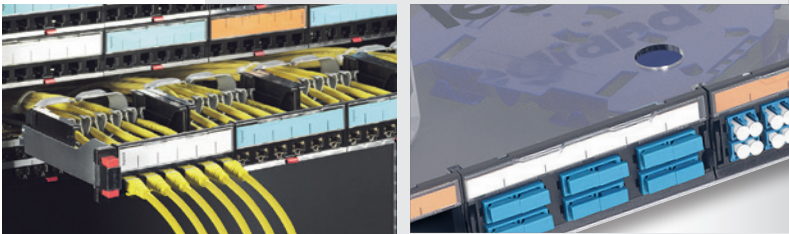


LCS³

3 DIMENSIONS OF EXCELLENCE

PERFORMANCE • SCALABILITY • EFFICIENCY



DATA CENTRE
LOCAL AREA NETWORK

POWERED BY SPECIALISTS

 **legrand**[®]

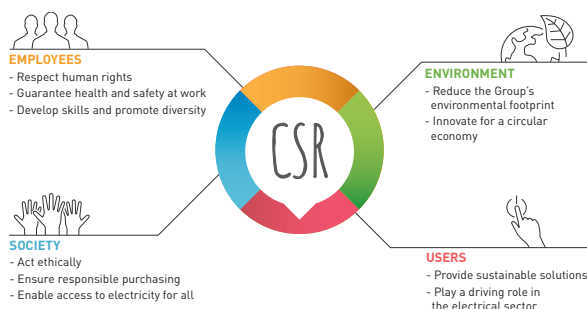
Global strength built on local knowledge

Legrand is the global specialist in electrical and digital building infrastructures. Innovation is the driving force behind its development.

With an increasing investment in research and development (circa 5% of sales) and more than 4,000 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.

CORPORATE SOCIAL RESPONSIBILITY

Legrand's CSR roadmap is a natural extension to the governance and sustainable development approach in which the company has been engaged for many years. The CSR roadmap firmly asserts Legrand's ongoing commitment to sustainable development.



LEGRAND'S DIGITAL INFRASTRUCTURES BUSINESS UNIT

Legrand's digital infrastructures business unit offers sustainable solutions for data centres and local area networks. Modularity, flexibility and energy efficiency are key drivers throughout this extensive product portfolio, ensuring customers benefit from the latest technology that can adapt to the changing needs of the infrastructure.



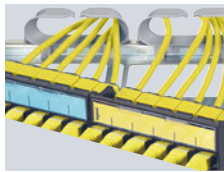
LCS³

3 DIMENSIONS OF EXCELLENCE

PERFORMANCE • SCALABILITY • EFFICIENCY

INTRODUCTION

Our digital infrastructures expertise	2-3
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COPPER SYSTEM

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FIBRE OPTIC SYSTEM

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LINKEO CABINETS

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Our digital infrastructures expertise

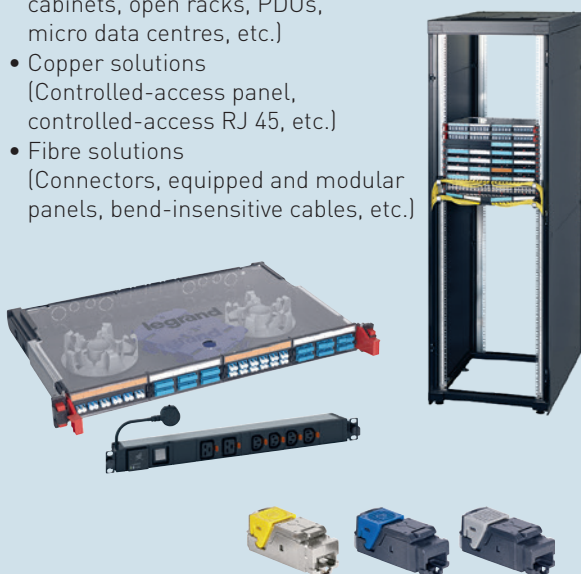
Legrand's solutions for data communication perfectly address the key challenges for digital networks: performance, scalability and efficiency.

LOCAL AREA NETWORKS

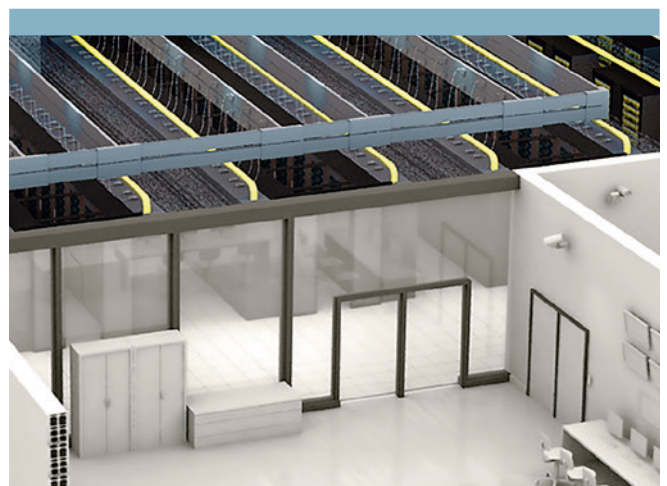


SOLUTIONS FOR STRUCTURED CABLING

- Housing solutions (19" freestanding and wall-mounting cabinets, open racks, PDUs, micro data centres, etc.)
- Copper solutions (Controlled-access panel, controlled-access RJ 45, etc.)
- Fibre solutions (Connectors, equipped and modular panels, bend-insensitive cables, etc.)



DATA CENTRE & SERVER ROOM



SOLUTIONS FOR STRUCTURED CABLING IN SERVER ROOMS

- Housing solutions (Server cabinets, aisle containment, cooling units and cold corridor, open racks, PDUs, etc.)
- Copper solutions (Preterminated, etc.)
- Fibre solutions (Preterminated, intelligent patching, high-density fibre optic solutions, etc.)





POWERED BY SPECIALISTS

legrand

Legrand cabling systems currently provide high-quality connectivity to more than 200 million devices. The Legrand Group is a world leader in communication networks for data transmission. Its investment in the development and design of structured cabling systems and solutions has enabled it to expand its offer and achieve the highest level of performance.

MINKELS

Minkels is a knowledge-driven producer and worldwide supplier of high quality solutions for data centre infrastructure. Minkels' products stand out for their innovativeness and flexibility. Customers can always be assured of getting the very latest technology and modular solutions that respond to evolving, customer-specific business requirements.

Raritan

Raritan offers power management solutions that include intelligent PDUs, transfer switches, environmental rack controllers and sensors as well as serial console servers and KVM-over-IP switches. Raritan's award-winning hardware solutions increase energy efficiency, improve reliability, and increase productivity.

High performance

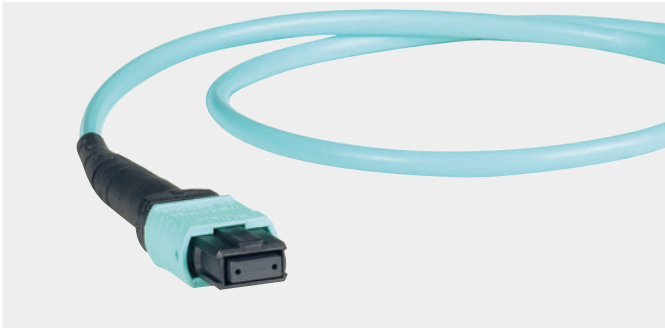
The background of the top half of the page is an abstract digital landscape. It features a gradient from light blue at the top to warm orange and red at the bottom. Overlaid on this are several glowing, wavy lines that suggest data flow or network paths. Interspersed among these lines are strings of binary code (0s and 1s) and the word "Data" in a sans-serif font, all appearing to float or move through the space.

LEGRAND'S LCS³ SYSTEM OFFERS YOU:

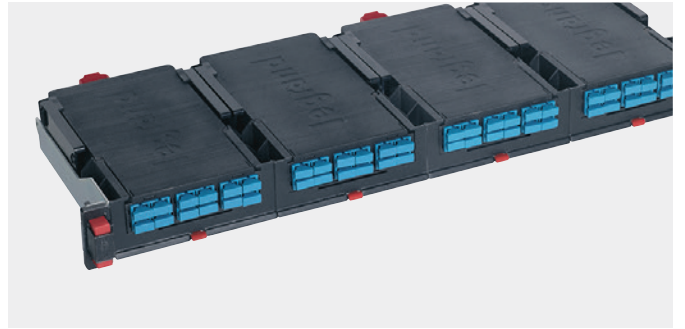
- 1 25 Gbps and 40 Gbps Ethernet applications
COPPER SYSTEM
- 2 40 Gbps and 100 Gbps Ethernet applications
FIBRE OPTIC SYSTEM
- 3 MTP/MPO high density and up to Cat. 8 solutions
FIBRE OPTIC AND COPPER SYSTEMS

FIBRE OPTIC SYSTEM

MTP/MPO SOLUTION TRANSMISSION UP TO 100 GBPS



High density connection with 12 or 24 fibres compliant with IEEE 802.3ba.



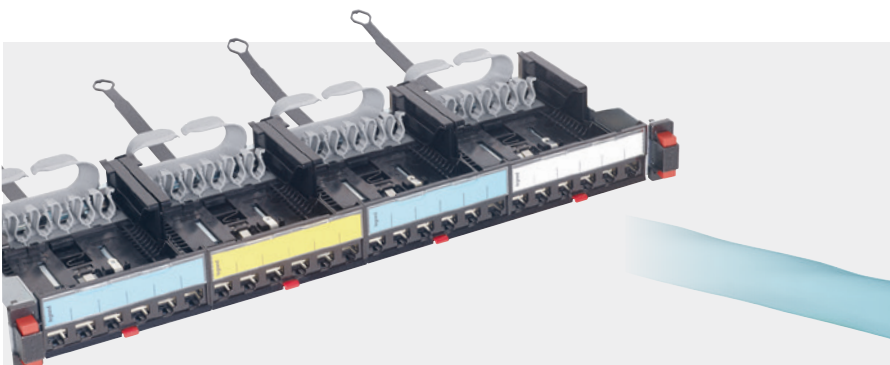
New MPO/MTP fibre optic drawers. Up to 96 LC on 1U. Easy access in order to move, add and change fibres.



Up to 144 LC on 1U. Available in 1U, 2U and 4U.

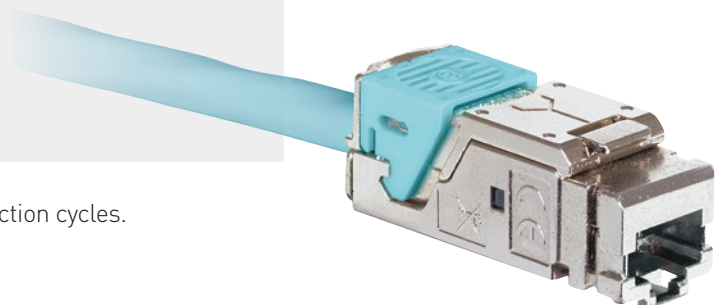
COPPER SYSTEM

CAT. 8 TRANSMISSION UP TO 40 GBPS



Cable and connector compliant with ISO/IEC 11801 standards - third edition.

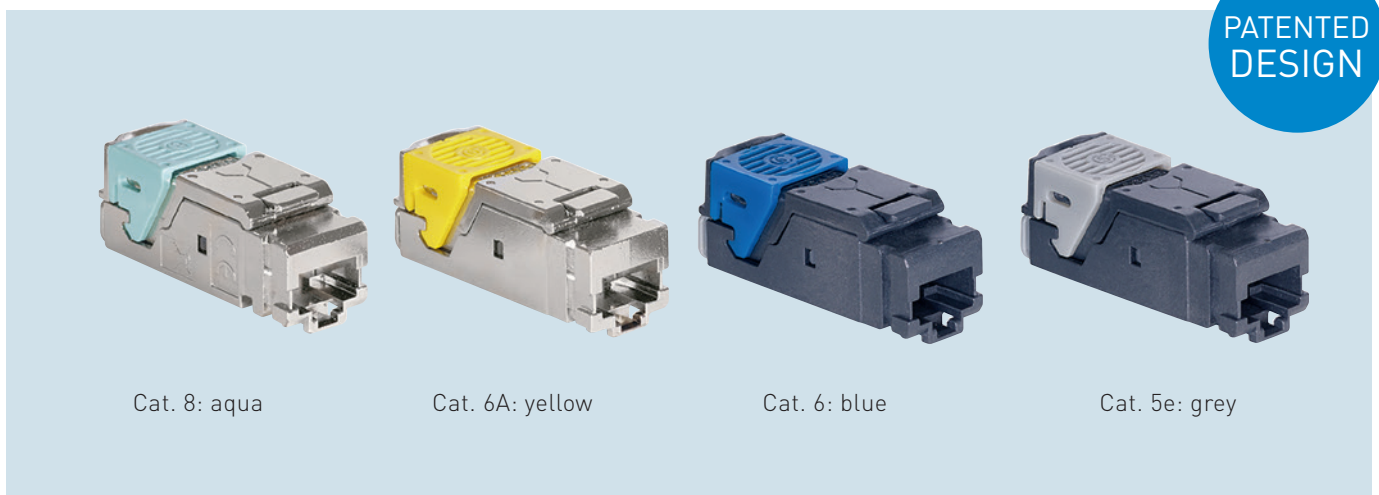
Cat. 8 toolless connector: up to 2500 connection/disconnection cycles.



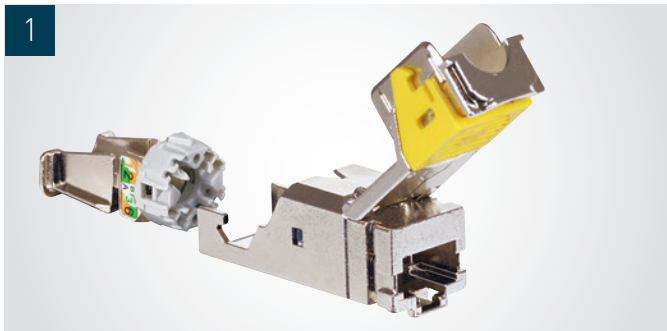
Copper system

RJ 45 connectors

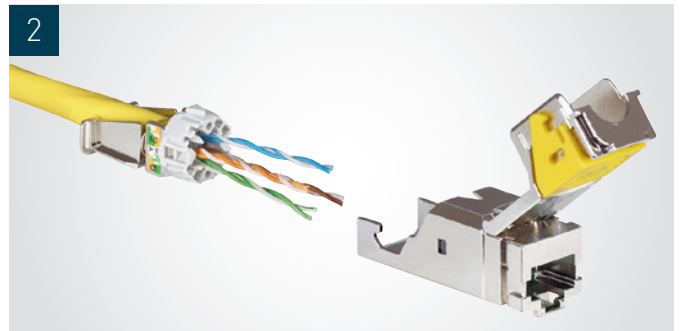
Toolless connectors are available in all categories for fast installation both on patch panels and in the workstation. A perfect connection can be created in a few seconds, guaranteeing optimum performance of the link from the patch panel to the workstation. They are colour-coded so their category can be safely identified.



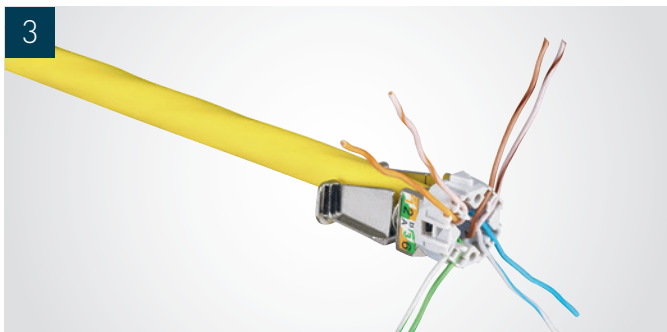
TOOLLESS CONNECTOR



1 Take the wire housing



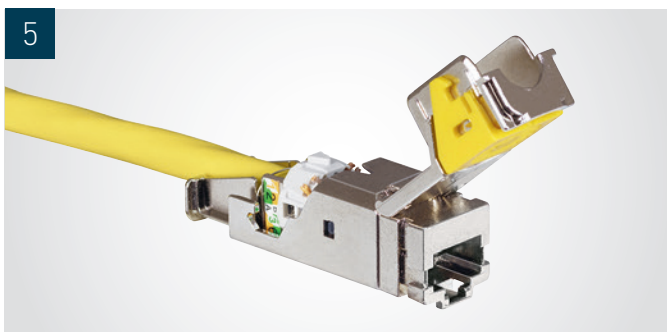
2 Pass the cable through the back of the wire housing



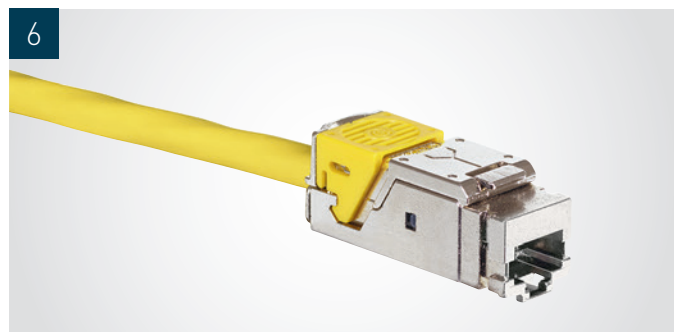
3 Separate and insert the pairs



4 Cut the pairs



5 Install the wire housing without pushing



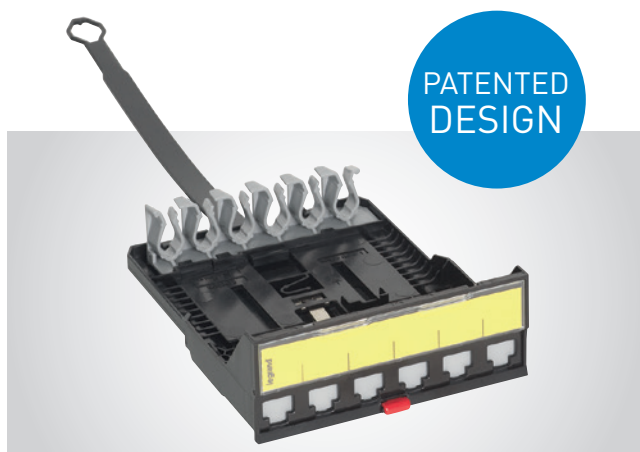
6 Push down the lever and lock the connector

Copper system patch panels



LCS³ patch panels have been designed to optimise space, with up to 48 ports per unit, and make maintenance and future upgrades easier. They are available in both flat and angled versions. They have a quick system for pulling out the unit and an innovative cable guiding system for tidy and easy cable management.

- Sliding cassettes for easier maintenance
- Fast push button extraction
- Innovative modular cassette system
- Connectors can be removed without disconnecting the cords
- Easy to mix with Legrand fibre optic solutions



Cassette for up to 12 connectors



48 ports per unit

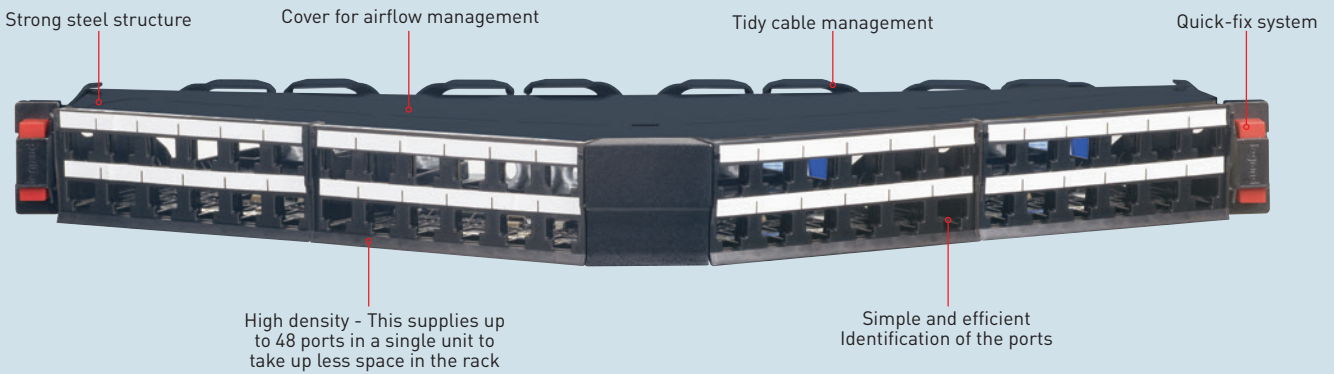
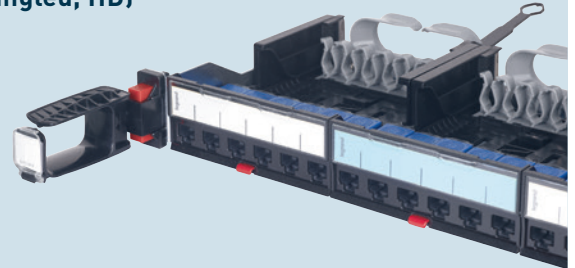
NEW QUICK-FIX SYSTEM



PATENTED DESIGN

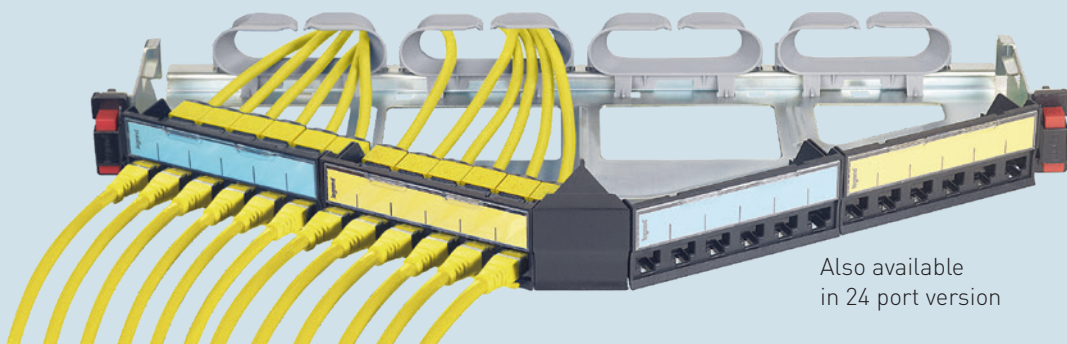
- Innovative quick-fixing solution:
- Push and connect system
 - Automatic earth connection
 - In-rack cabling optimised
 - New accessory for patch cords with rotating system for angle adjustment and label holder

Compatible with all panels (Flat, angled, HD)



ANGLED PATCH PANEL SOLUTION FROM 24 TO 48 PORTS PER UNIT

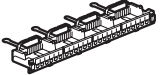
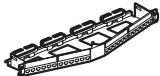
Patch panels with an angled design allow the cable to run either side creating a perfect bend radius feeding into the vertical cable management.



Also available in 24 port version

connectivity selection tables - copper solutions



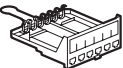
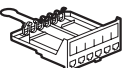


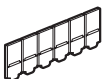
configure your system

LCS ³ PANELS			Cat. 8	Cat. 6A	Cat. 6
	1U patch panels equipped with 24 connectors	STP	0337 82 ⁽¹⁾ (see p. 15)	0337 72 ⁽¹⁾ (see p. 18)	0337 62 ⁽¹⁾ (see p. 22)
		UTP	-	0337 70 ⁽¹⁾ (see p. 18)	0337 60 ⁽¹⁾ (see p. 22)
		FTP	-	-	0337 61 ⁽¹⁾ (see p. 22)
	1U patch panel to be equipped	With cassette ⁽²⁾	0337 90 ⁽¹⁾ (see p. 15)	0337 90 ⁽¹⁾ (see p. 18)	0337 90 ⁽¹⁾ (see p. 22)
		Without cassette	0337 91 ⁽¹⁾ (see p. 15)	0337 91 ⁽¹⁾ (see p. 18)	0337 91 ⁽¹⁾ (see p. 22)
High density 1U patch panel to be equipped with 48 ports			-	0337 93 ⁽¹⁾ (see p. 18)	0337 93 ⁽¹⁾ (see p. 22)
	1U angled patch panel to be equipped with connectors		0337 92 ⁽¹⁾ (see p. 16)	0337 92 ⁽¹⁾ (see p. 19)	0337 92 ⁽¹⁾ (see p. 23)
	1U high density angled patch panel to be equipped			-	0337 94 ⁽¹⁾ (see p. 19)

(1) Equipped with new generation Quick-Fix
(2) Standard cassette has 6 ports
NOTE: for Cat. 5e selection of products see p. 26-30



































connectivity selection tables - copper solutions (continued)




configure your system

LCS ³ CONNECTORS			Cat. 8	Cat. 6A	Cat. 6
	RJ 45 connectors for flat and angled panels	STP	0337 85 (see p. 16)	0337 75 (see p. 19)	0337 65 (see p. 23)
		UTP	-	0337 73 (see p. 19)	0337 63 (see p. 23)
		FTP	-	-	0337 64 (see p. 23)
	Cord management		0337 59 (see p. 16)	0337 59 (see p. 19)	0337 59 (see p. 23)
	Cassettes for flat panels to be equipped		0337 55 (see p. 16)	0337 55 (see p. 19)	0337 55 (see p. 23)
	High density cassettes for flat panels to be equipped		-	0337 95 (see p. 19)	0337 95 (see p. 23)
	Blanking cassettes		0337 57 (see p. 16)	0337 57 (see p. 19)	0337 57 (see p. 23)
	Angled panel cover		0337 58 (see p. 16)	0337 58 (see p. 19)	0337 58 (see p. 23)
	Port blanking modules		0337 56 (see p. 16)	0337 56 (see p. 19)	0337 56 (see p. 23)

connectivity selection tables - copper solutions (continued)

configure your system

RJ 45 PATCH CORDS				Cat. 8			Cat. 6A			Cat. 6		
				Cat. 8			Cat. 6A			Cat. 6		
	LSZH	S/FTP	Shielded impedance 100 Ω	0.5 m	 0337 01 (see p. 17)	-	-	-	-	-	-	
				1 m	 0337 02 (see p. 17)	-	-	-	-	-		
				2 m	 0337 03 (see p. 17)	-	-	-	-	-		
				3 m	 0337 04 (see p. 17)	-	-	-	-	-		
				5 m	 0337 05 (see p. 17)	-	-	-	-	-		
				8 m	 0337 06 (see p. 17)	-	-	-	-	-		
				10 m	 0337 07 (see p. 17)	-	-	-	-	-		
				0.5 m	 0337 21 (see p. 17)	-	-	-	-	-		
					 0337 08 (see p. 17)	-	-	-	-	-		
				1 m	 0337 22 (see p. 17)	 0518 70 (see p. 20)	-	-	-	-		
					 0337 09 (see p. 17)	 0518 66 (see p. 20)	-	-	-	-		
				2 m	 0337 23 (see p. 17)	 0518 71 (see p. 20)	-	-	-	-		
					 0337 10 (see p. 17)	0518 67 (see p. 20)	-	-	-	-		
				3 m	0337 24 (see p. 17)	0518 72 (see p. 20)	-	-	-	-		
					0337 11 (see p. 17)	0518 68 (see p. 20)	-	-	-	-		
				5 m	0337 25 (see p. 17)	0518 73 (see p. 20)	-	-	-	-		
					0337 12 (see p. 17)	0518 69 (see p. 20)	-	-	-	-		
				8 m	0337 26 (see p. 17)	-	-	-	-	-		
0337 13 (see p. 17)	-	-	-		-	-						
10 m	0337 27 (see p. 17)	-	-	-	-	-						
	0337 17 (see p. 17)	-	-	-	-	-						
	F/UTP	Screened impedance 100 Ω	-	-	-	 0518 54 (see p. 24)						
						 0518 50 (see p. 24)						
						2 m	 0518 55 (see p. 24)					
							 0518 51 (see p. 24)					
						3 m	 0518 56 (see p. 24)					
							 0518 52 (see p. 24)					
	5 m	 0518 57 (see p. 24)										
		 0518 53 (see p. 24)										
	U/UTP	Unscreened impedance 100 Ω	-	-	-	-	 0518 62 (see p. 24)					
							 0518 58 (see p. 24)					
							2 m	 0518 63 (see p. 24)				
								 0518 59 (see p. 24)				
3 m							 0518 64 (see p. 24)					
							 0518 60 (see p. 24)					
5 m	 0518 65 (see p. 24)											
	 0518 61 (see p. 24)											

Key:  = RAL 6027 •  = RAL 3020 •  = RAL 6026

connectivity selection tables - copper solutions (continued)

configure your system

RJ 45 PATCH CORDS					Cat. 8	Cat. 6A	Cat. 6
	PVC	S/FTP	Shielded impedance 100 Ω	0.5 m	-	● 0518 16 (see p. 20)	-
				1 m	-	● 0517 80 (see p. 20)	● 0517 52 (see p. 24)
				2 m	-	● 0517 81 (see p. 20)	● 0517 53 (see p. 24)
				3 m	-	● 0517 82 (see p. 20)	● 0517 54 (see p. 24)
				5 m	-	● 0517 83 (see p. 20)	● 0517 55 (see p. 24)
		F/UTP	Screened impedance 100 Ω	0.5 m	-	-	● 0518 15 (see p. 24)
				1 m	-	-	● 0517 62 (see p. 24)
				2 m	-	-	● 0517 63 (see p. 24)
				3 m	-	-	● 0517 64 (see p. 24)
				5 m	-	-	● 0517 65 (see p. 24)
	U/UTP	Unscreened impedance 100 Ω	0.5 m	-	-	● 0518 18 (see p. 24)	
			1 m	-	-	● 0517 72 (see p. 24)	
			2 m	-	-	● 0517 73 (see p. 24)	
			3 m	-	-	● 0517 74 (see p. 24)	
			5 m	-	-	● 0517 75 (see p. 24)	
COPPER CABLES FOR LOCAL NETWORKS (305 M OR 500 M REELS)							
	LSZH	U/UTP	4 pairs	305 m	-	-	● 0327 54 (see p. 24)
				500 m	-	-	● 0328 61 (see p. 24)
		S/FTP	4 pairs	500 m	0337 88 (see p. 17)	● 0327 77 ⁽¹⁾ / 0328 82 ⁽¹⁾ (see p. 20)	-
				2 x 4 pairs	500 m	-	● 0327 79 ⁽¹⁾ (see p. 20)
		F/UTP	4 pairs	305 m	-	-	● 0328 56 (see p. 24)
				500 m	-	● 0327 78 (see p. 20)	● 0327 56 (see p. 24)
			2 x 4 pairs	500 m	-	● 0328 78 (see p. 20)	● 0327 76 (see p. 24)
		F/FTP	4 pairs	500 m	-	● 0327 99 / 0328 83 (see p. 20)	-
				2 x 4 pairs	500 m	-	● 0327 98 (see p. 20)
		U/FTP	4 pairs	500 m	-	● 0328 84 (see p. 20)	-
	2 x 4 pairs			500 m	-	● 0328 85 (see p. 20)	-
	PVC	U/UTP	4 pairs	305 m	-	-	● 0327 55 (see p. 24)
		SF/UTP	4 pairs	500 m	-	-	● 0327 59 (see p. 24)
		F/UTP	4 pairs	305 m	-	-	● 0328 57 (see p. 24)
	500 m			-	-	● 0327 58 (see p. 24)	
Key: ● = RAL 1018 • = RAL 5015							

(1) Cat. 7

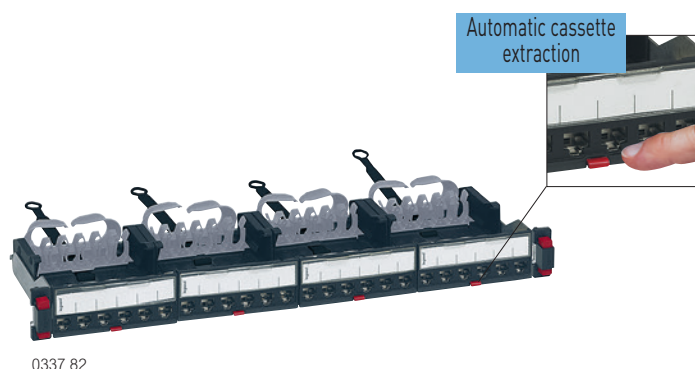
connectivity selection tables - copper solutions (continued)

configure your system

ARTEOR RANGE RJ 45 SOCKETS				Cat. 6A	Cat. 6	Cat. 5e	
	STP	1 module	White	5723 06 (see p. 21)	-	-	
			Magnesium	5728 06 (see p. 21)	-	-	
			With orange shutter	White	5723 51 (see p. 21)	-	-
			With orange shutter	Magnesium	5728 51 (see p. 21)	-	-
		With green shutter	White	5723 52 (see p. 21)	-	-	
		With green shutter	Magnesium	5728 52 (see p. 21)	-	-	
	2 modules - with controlled access	With red shutter	White	5723 50 (see p. 21)	-	-	
		With red shutter	Magnesium	5728 50 (see p. 21)	-	-	
	STP - shielded	1 module	White	-	5723 23 (see p. 25)	-	
			Magnesium	-	5728 23 (see p. 25)	-	
		2 module	White	-	5723 17 (see p. 25)	-	
			Magnesium	-	5728 17 (see p. 25)	-	
UTP	1 module	White	5723 49 (see p. 21)	5723 02 (see p. 25)	5723 03 (see p. 29)		
		Magnesium	5728 49 (see p. 21)	5728 02 (see p. 25)	5728 03 (see p. 29)		
		With orange shutter	White	5723 58 (see p. 21)	5723 54 (see p. 25)	-	
		With orange shutter	Magnesium	5728 58 (see p. 21)	5728 54 (see p. 25)	-	
		With green shutter	White	5723 59 (see p. 21)	5723 55 (see p. 25)	-	
		With green shutter	Magnesium	5728 59 (see p. 21)	5728 55 (see p. 25)	-	
	2 modules	White	-	-	5723 15 (see p. 29)		
		Magnesium	-	-	5728 15 (see p. 29)		
		Square version	White	-	5723 14 (see p. 25)	-	
		Square version	Magnesium	-	5728 14 (see p. 25)	-	
	2 modules - with controlled access	With red shutter	White	5723 57 (see p. 21)	5723 53 (see p. 25)	-	
		With red shutter	Magnesium	5728 57 (see p. 21)	5728 53 (see p. 25)	-	
	4 modules - retractable RJ 45 sockets	White	-	5723 39 (see p. 25)	-		
		Magnesium	-	5728 39 (see p. 25)	-		
	FTP	1 module	White	-	5723 22 (see p. 25)	5723 04 (see p. 29)	
			Magnesium	-	5728 22 (see p. 25)	5728 04 (see p. 29)	
2 module		White	-	5723 16 (see p. 25)	-		
		Magnesium	-	5728 16 (see p. 25)	-		
ARTEOR RANGE FEEDTHROUGH SOCKETS				Cat. 6	Cat. 5e		
	UTP	Socket with copper feedthrough	White	5723 31 (see p. 25)	5723 30 (see p. 29)		
			Magnesium	5728 31 (see p. 25)	5728 30 (see p. 29)		
	FTP	Socket with copper feedthrough	White	5723 33 (see p. 25)	5723 32 (see p. 29)		
			Magnesium	5728 33 (see p. 25)	5728 32 (see p. 29)		

Legrand cabling system LCS³ Cat. 8

flat equipped patch panel



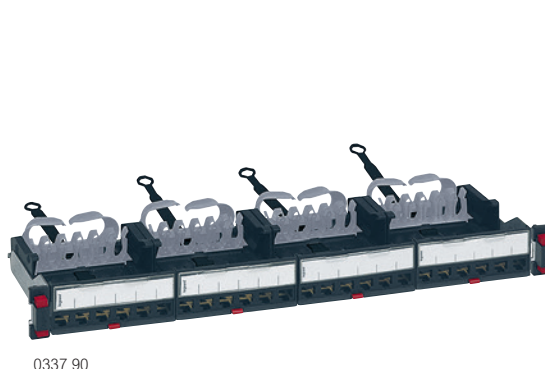
0337 82

Selection chart **p. 10**
Equipment and accessories **p. 16**
Technical information **p. 31-33**

Pack	Cat. Nos.	Cat. 8 patch panel equipped with 24 RJ 45 connectors
1	0337 82	<p>Conforms to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures</p> <p>Universal mounting on any cabinet or enclosure</p> <p>Panel ensures automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Equipped with 4 cassettes of 6 Cat. 8 RJ 45 LCS³ quick-connect connectors (no tools required), with 568 A/B marking</p> <p>Supplied with coloured labels</p> <p>19" patch panel - 1U</p> <p>Automatic cassette removal using push button</p> <p>Possibility of individual extraction of each connector</p> <p>Flat panel</p> <p>STP panel - metal shielding</p>

Legrand cabling system LCS³ Cat. 8

flat patch panels to be equipped



0337 90

Selection chart **p. 10**
Equipment and accessories **p. 16**
Technical information **p. 31-33**

Pack	Cat. Nos.	Flat 24-connector patch panels - 1U to be equipped
1	0337 90	<p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures</p> <p>Universal mounting on any cabinet or enclosure</p> <p>Panels ensure automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Flat panel with empty cassettes to be equipped with connectors</p> <p>Equipped with 4 automatic extraction cassette for Cat. 5e to Cat. 8 RJ 45 connectors</p> <p>19" patch panel - 1U</p> <p>Empty flat panel to be equipped with cassette</p> <p>Can accept a maximum of 4 automatic extraction cassettes:</p> <ul style="list-style-type: none"> - copper - fibre optic
1	0337 91	<p>19" patch panel - 1U</p>

Legrand cabling system LCS³ Cat. 8

angled patch panel to be equipped with connectors



0337 92



0337 85



Selection chart **p. 10, 11**
Equipment and accessories **opposite**
Technical information **p. 31-33**

Pack	Cat. Nos.	
1	0337 92	<p>Angled 24-connector patch panel - 1U</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p>Angled panel to be equipped with connectors Can accept up to 24 Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U</p>
1	0337 85	<p>Cat. 8 RJ 45 connectors for flat and angled STP panel</p> <p>Conforms to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Quick-connect connection (no tools required), with 568 A/B marking Supplied with coloured labels Set of 6 RJ 45 connectors For installation in the cassettes of flat or angled panels</p>

Legrand cabling system LCS³ Cat. 8

equipment and accessories



0337 56



0337 59



0337 55



0337 57



0337 58



Selection chart **p. 11**
Technical information **p. 31-33**

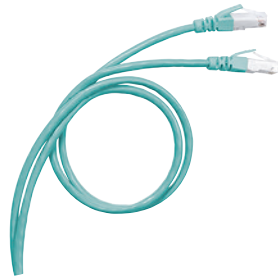
Pack	Cat. Nos.	
		<p>Common accessories for flat and angled panels</p> <p>Port blanking modules Divisible 6 port blanking plate For sealing from 1 to 6 ports</p> <p>Cord management 2 cord management for use with new generation Quick-Fix Provides side cord management</p>
10	0337 56	
1	0337 59	
		<p>Specific accessories for flat panels</p> <p>Cassette for flat panels to be equipped Empty removable cassette to be equipped with connectors. Can accept 6 Cat. 5e to Cat. 8 connectors Extraction using push button making installation and maintenance easier</p> <p>Blanking cassette Used to blank the panel</p>
1	0337 55	
1	0337 57	
		<p>Specific accessories for angled panels</p> <p>Angled panel cover For optimised management of the air flow inside the cabinet</p>
1	0337 58	

Legrand cabling system LCS³ Cat. 8

cables and patch cords



0337 88



0337 03



0518 90

Selection chart **p. 12-13**
 Technical information **p. 31-33**

Pack	Cat. Nos.	Cat. 8 local network cables
500 ⁽¹⁾	0337 88	Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards 4 twisted pair cables, 100 Ω LSOH sheath: halogen-free EIA/TIA colour code S/FTP - 4 pairs Performance 2000 MHz Length 500 m Supplied on reel. Weight 45 kg

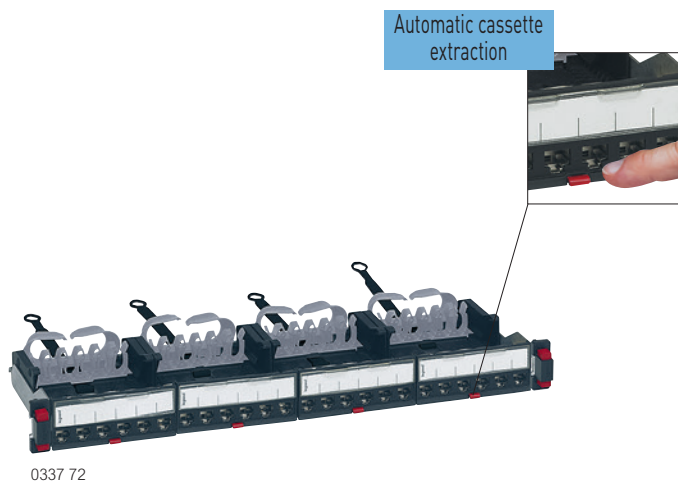
(1) in metre(s)

Pack	Cat. Nos.	Cat. 8 RJ 45 patch cords
	LSZH RAL 6027	Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards RJ 45/RJ 45 flat With special 'easy grip' plug S/FTP shielded impedance 100 Ω Length (m)
1	0337 01	0.5 m
1	0337 02	1 m
1	0337 03	2 m
1	0337 04	3 m
1	0337 05	5 m
1	0337 06	8 m
1	0337 07	10 m
	LSZH RAL 3020 RAL 6026	
1	0337 21	0337 08 0.5 m
1	0337 22	0337 09 1 m
1	0337 23	0337 10 2 m
1	0337 24	0337 11 3 m
1	0337 25	0337 12 5 m
1	0337 26	0337 13 8 m
1	0337 27	0337 17 10 m

Pack	Cat. Nos.	Marking kit
1	0518 90	Kit of 200 coloured rings for marking RJ 45 cords Rings to be clipped to the patch cords 50 of each colour

Legrand cabling system LCS³ Cat. 6A

flat equipped patch panels

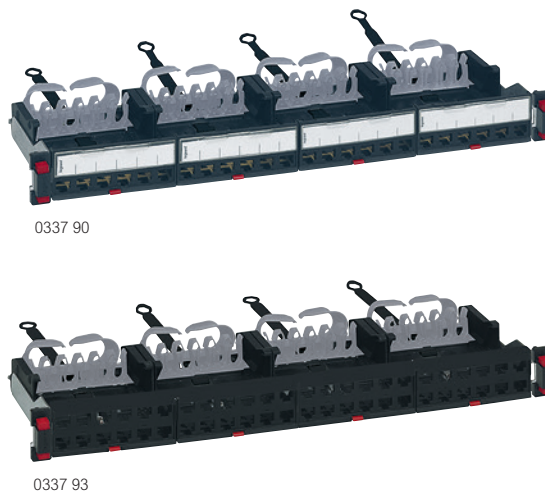


Selection chart **p. 10**
 Equipment and accessories **p. 19**
 Technical information **p. 31-33**

Pack	Cat. Nos.	Cat. 6A patch panels equipped with 24 RJ 45 connectors
		Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Equipped with 4 cassettes of 6 Cat. 6A RJ 45 LCS ³ quick-connect connectors (no tools required), with 568 A/B marking Supplied with coloured labels 19" panel - 1U Automatic cassette extraction using push button
1	0337 70	Flat panels 24 RJ 45 connectors - 1U
1	0337 72	UTP STP

Legrand cabling system LCS³ Cat. 6A

flat patch panels to be equipped

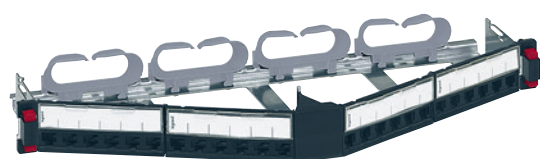


Selection chart **p. 10**
 Equipment and accessories **p. 19**
 Technical information **p. 31-33**

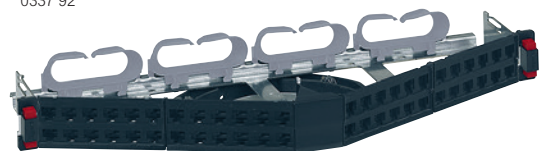
Pack	Cat. Nos.	Flat 24-connector patch panels - 1U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Flat panel with empty cassettes to be equipped with connectors Equipped with 4 cassettes for Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U Empty flat panel to be equipped with cassettes Can accept a maximum of 4 cassettes: - copper - fibre optic 19" panel - 1U
1	0337 90	
1	0337 91	
		Flat high density 48-connector patch panel - 1 U to be equipped Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Automatic cassette extraction using push button Possibility of removing each connector individually 19" panel - 1U
1	0337 93	

Legrand cabling system LCS³ Cat. 6A

angled patch panels to be equipped with connectors



0337 92



0337 94



0337 75

Selection chart **p. 10-11**
Equipment and accessories **opposite**
Technical information **p. 31-33**

Pack	Cat. Nos.	
1	0337 92	<p>Angled 24-connector patch panel - 1U</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p>Angled panel to be equipped with connectors Can accept up to 24 Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U</p>
1	0337 94	<p>Angled high density 48-connector patch panel - 1U to be equipped</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p>Angled panel to be equipped with connectors Can accept up to 48 Cat. 5e to Cat. 6A RJ 45 connectors 19" panel - 1U</p>
1	0337 73	<p>High density Cat. 6A RJ 45 connectors</p> <p>Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Cat. 6A RJ 45 connectors for flat and angled STP panels Quick-connect connection (no tools required), with 568 A/B marking Supplied with coloured labels For equipment to be installed in the cassettes of flat or angled panels Set of 6 Cat. 6A RJ 45 connectors</p>
1	0337 75	<p>UTP</p> <p>STP</p>

Legrand cabling system LCS³ Cat. 6A

equipment and accessories



0337 56



0337 59



0337 55



0337 57



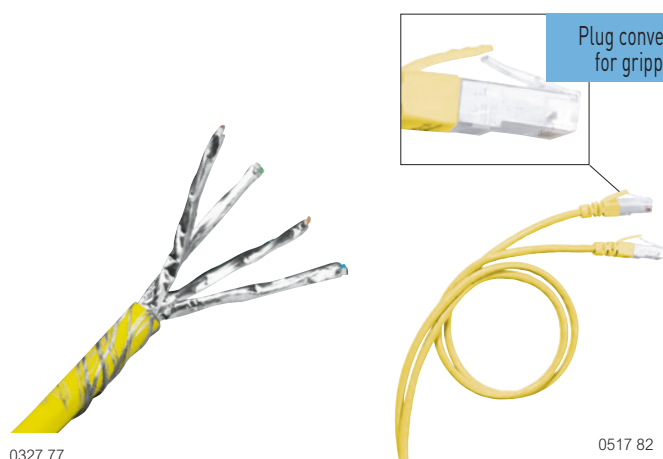
0337 58

Selection chart **p. 10-11**
Technical information **p. 31-33**

Pack	Cat. Nos.	
10	0337 56	<p>Common accessories for flat and angled panels</p> <p>Port blanking modules Divisible 6 port blanking plate For sealing from 1 to 6 ports</p>
1	0337 59	<p>Cord management 2 cord management for use with new generation Quick-Fix Provides side cord management</p>
1	0337 55	<p>Specific accessories for flat panels</p> <p>Cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors. Can accept 6 Cat. 5e to Cat. 8 connectors Extraction using push button making installation and maintenance easier Possibility of removing each connector individually</p>
1	0337 95	<p>High density cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors. Can accept 12 Cat. 5e to Cat. 6A connectors Extraction using push button making installation and maintenance easier</p>
1	0337 57	<p>Blanking cassette Used to blank the panel</p>
1	0337 58	<p>Specific accessories for angled panels</p> <p>Angled panel cover For optimised management of the air flow inside the cabinet</p>

Legrand cabling system LCS³ Cat. 6A

cables and patch cords



0327 77

0517 82



0518 90

Selection chart p. 12-13
 Technical information p. 31-33

Pack	Cat. Nos.	Cables for local networks Cat. 6A
500 ⁽¹⁾	0327 78	Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C Cables 4 pairs or 2 x 4 twisted pairs 100 Ω LSZH sheath: halogen-free Yellow RAL 1018 Colour code TIA/EIA LSZH F/UTP - 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg
500 ⁽¹⁾	0328 78	F/UTP - 2 x 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 65 kg
500 ⁽¹⁾	0328 83	F/FTP - 4 pairs Performance 500 MHz Euroclass C _{ca} Length 500 m Supplied on reel. Weight 25 kg
500 ⁽¹⁾	0327 99	F/FTP - 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 25.2 kg
500 ⁽¹⁾	0327 98	F/FTP - 2 x 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 62 kg
500 ⁽¹⁾	0328 84	U/FTP - 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg
500 ⁽¹⁾	0328 85	U/FTP - 2 x 4 pairs Performance 500 MHz Length 500 m Supplied on reel. Weight 65 kg
500 ⁽¹⁾	0327 77 ⁽²⁾	S/FTP - 4 pairs Performance 600 MHz Euroclass D _{ca} Length 500 m Supplied on reel. Weight 30 kg
500 ⁽¹⁾	0327 79 ⁽²⁾	S/FTP - 2 x 4 pairs Performance 600 MHz Euroclass D _{ca} Length 500 m Supplied on reel. Weight 58 kg
500 ⁽¹⁾	0328 82 ⁽²⁾	S/FTP - 4 pairs Performance 600 MHz Euroclass B2 _{ca} Length 500 m Supplied on reel. Weight 30 kg

(1) in metre(s)
 (2) Cat. 7

Pack	Cat. Nos.	RJ 45 patch cords and user cords Cat. 6A
1	0518 82	Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C RJ 45 - RJ 45 right U/UTP unshielded impedance 100 Ω Length (m) 1 m 2 m 3 m 5 m
1	0518 83	
1	0518 84	
1	0518 85	
1	0518 78	PVC LSZH RAL 3020 RAL 6026 Length (m) 1 m 2 m 3 m 5 m
1	0518 79	
1	0518 80	
1	0518 81	
1	0518 16	PVC Length (m) 0.5 m 1 m 2 m 3 m 5 m
1	0517 80	
1	0517 81	
1	0517 82	
1	0517 83	
1	0518 70	LSZH RAL 3020 RAL 6026 Length (m) 1 m 2 m 3 m 5 m
1	0518 71	
1	0518 72	
1	0518 73	
1	0518 90	Marking kit Kit of 200 coloured rings for marking RJ 45 cords Rings to be clipped to the patch cords 50 of each colour

Legrand cabling system LCS³ Cat. 6A

RJ 45 sockets - Arteor



5 723 06



5 723 50



5 728 49

Selection chart **p. 14**

Mechanisms supplied with square rocker plates, to be equipped with support frames and plates

Can be integrated in all supports

With LCS³ 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. 3.0, EN 50173-1 and TIA/EIA 568 C

Pack	Cat. Nos.	Arteor RJ 45 sockets cat. 6A
		360° metal shielding
		STP - 1 module
10	5723 06	○ White
10	5728 06	● Magnesium
10	5723 51	○ White with orange shutter
10	5728 51	● Magnesium with orange shutter
10	5723 52	○ White with green shutter
10	5728 52	● Magnesium with green shutter
		STP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5723 50	○ White with red shutter
5	5728 50	● Magnesium with red shutter
		UTP - 1 module
10	5723 49	○ White
10	5728 49	● Magnesium
10	5723 58	○ White with orange shutter
10	5728 58	● Magnesium with orange shutter
10	5723 59	○ White with green shutter
10	5728 59	● Magnesium with green shutter
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5723 57	○ White with red shutter
5	5728 57	● Magnesium with red shutter

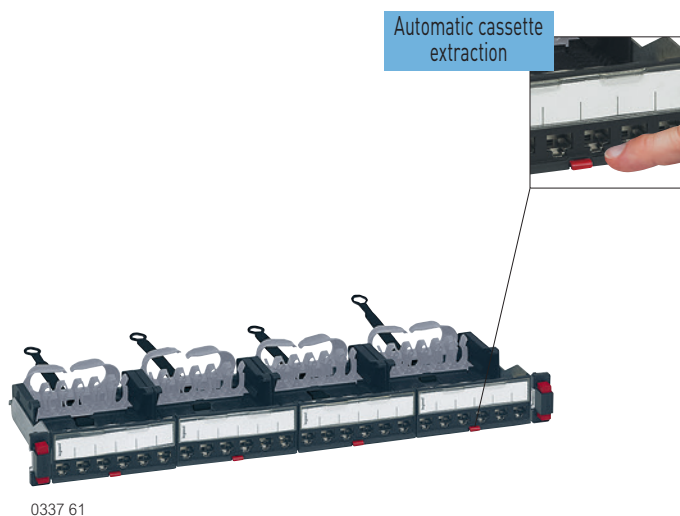


For details of full range of Arteor support frames and plates

Contact us on +44 (0) 370 608 9020

Legrand cabling system LCS³ Cat. 6

flat equipped patch panels

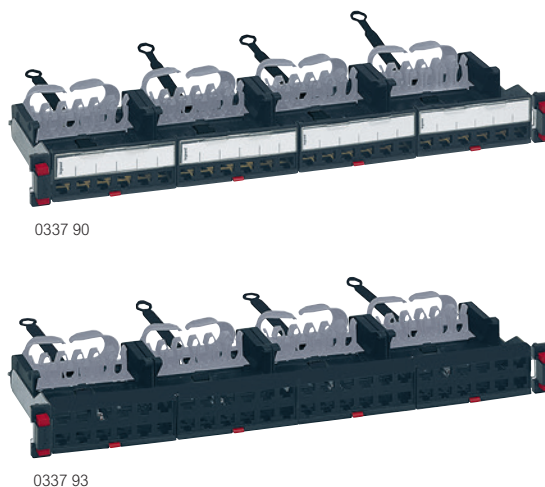


Selection chart **p. 10**
 Equipment and accessories **p. 23**
 Technical information **p. 31-33**

Pack	Cat. Nos.	Cat. 6 patch panels equipped with 24 RJ 45 connectors
		Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Equipped with 4 cassettes of 6 Cat. 6 RJ 45 LCS ³ quick-connect connectors (no tools required), with 568 A/B marking Supplied with numbered coloured labels 19" panel -1U Automatic cassette extraction using push button
1	0337 60	UTP
1	0337 61	FTP
1	0337 62	STP

Legrand cabling system LCS³ Cat. 6

flat patch panels to be equipped



Selection chart **p. 10**
 Equipment and accessories **p. 23**
 Technical information **p. 31-33**

Pack	Cat. Nos.	Flat 24-connector patch panels - 1U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Flat panel with empty cassettes to be equipped with connectors Equipped with 4 automatic extraction cassettes for Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U Empty flat panel to be equipped with cassettes Can accept a maximum of 4 automatic extraction cassettes: - copper - fibre optic 19" patch panel - 1U
1	0337 90	
1	0337 91	

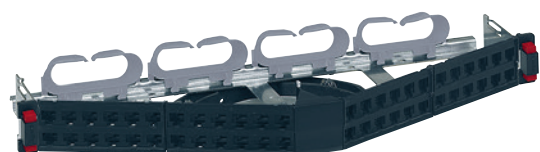
Pack	Cat. Nos.	Flat high density 48-connector patch panel - 1U to be equipped
		Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Automatic cassette extraction using push button Possibility of removing each connector individually 19" panel - 1U
1	0337 93	

Legrand cabling system LCS³ Cat. 6

angled patch panels to be equipped with connectors



0337 92



0337 94



0337 63

Selection chart **p. 10-11**
Equipment and accessories **opposite**
Technical information **p. 31-33**

Pack	Cat. Nos.	Angled 24-connector patch panels - 1U
1	0337 92	Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Angled panel to be equipped with connectors Can accept up to 24 Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U

Pack	Cat. Nos.	Angled high density 48-connector patch panel - 1U to be equipped
1	0337 94	Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Angled panel to be equipped with connectors Can accept up to 48 Cat. 5e to Cat. 6A RJ 45 connectors 19" panel - 1U

Pack	Cat. Nos.	Cat. 6 high density RJ 45 connectors
1	0337 63	Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Cat. 6 RJ 45 connectors for flat and angled panels Quick-connect connection (no tools required), with 568 A/B marking Supplied with coloured labels For equipment to be installed in the cassettes of flat or angled panels Set of 6 Cat. 6 RJ 45 connectors
1	0337 64	
1	0337 65	

Legrand cabling system LCS³ Cat. 6

equipment and accessories



0337 56



0337 59



0337 55



0337 57



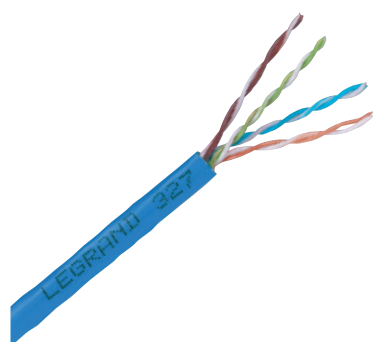
0337 58

Selection chart **p. 11**
Technical information **p. 31-33**

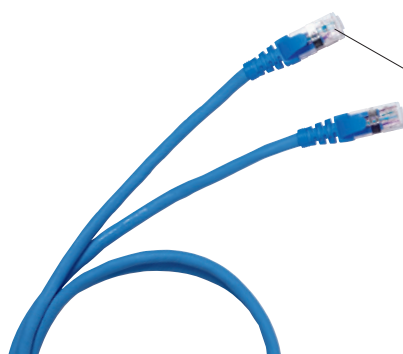
Pack	Cat. Nos.	Common accessories for flat and angled panels
10	0337 56	Port blanking modules Divisible 6 port blanking plate For sealing from 1 to 6 ports
1	0337 59	Cord management 2 cord management for use with new generation Quick-Fix Provides side cord management
1	0337 55	Specific accessories for flat panels Cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors Can accept 6 Cat. 5e to Cat. 8 connectors Extraction using push button making installation and maintenance easier
1	0337 95	High density cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors Can accept 12 Cat. 5e to Cat. 6A connectors Extraction using push button making installation and maintenance easier
1	0337 57	Blanking cassette Used to blank the panel
1	0337 58	Specific accessories for angled panels Angled panel cover For optimised management of the air flow inside the cabinet

Legrand cabling system LCS³ Cat. 6

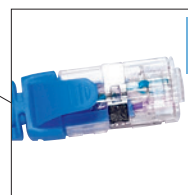
cables and patch cords



0327 54



0517 62



Plug convenient for gripping



0518 90

Selection chart p. 12-13
 Technical information p. 31-33

Pack	Cat. Nos.	Cables for local networks Cat. 6
305 ⁽¹⁾	0327 54	Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C Cables 4 pairs or 2 x 4 twisted pairs 100 Ω Blue RAL 5015 Colour code TIA/EIA U/UTP - 4 pairs Length 305 m Supplied in cardboard box. Weight 16 kg
500 ⁽¹⁾	0328 61	Length 500 m Supplied on reel. Weight 18 kg
305 ⁽¹⁾	0327 55	Length 305 m Supplied in cardboard box. Weight 13 kg
305 ⁽¹⁾	0328 56	F/UTP - 4 pairs Length 305 m Supplied on reel. Weight 17 kg
500 ⁽¹⁾	0327 56	Length 500 m Supplied on reel. Weight 25 kg
305 ⁽¹⁾	0328 57	F/UTP - 4 pairs Length 305 m Supplied in cardboard box. Weight 17 kg
500 ⁽¹⁾	0327 58	Length 500 m Supplied on reel. Weight 25 kg
500 ⁽¹⁾	0327 76	F/UTP - 2 x 4 pairs Length 500 m Supplied on reel. Weight 48 kg
500 ⁽¹⁾	0327 59	SF/UTP - 4 pairs Length 500 m Supplied on reel. Weight 30 kg

Pack	Cat. Nos.	RJ 45 patch cords and user cords Cat. 6
1	0518 18	U/UTP unscreened impedance 100 Ω RJ 45 - RJ 45 right Length (m) 0,5 m
1	0517 72	1 m
1	0517 73	2 m
1	0517 74	3 m
1	0517 75	5 m

(1) in metre(s)

Pack	Cat. Nos.	RJ 45 patch cords and user cords Cat. 6 (continued)
1	0518 62	U/UTP unscreened impedance 100 Ω (continued) RJ 45 - RJ 45 right 1 m
1	0518 63	2 m
1	0518 64	3 m
1	0518 65	5 m
1	0518 15	F/UTP screened impedance 100 Ω RJ 45 - RJ 45 right Length (m) 0,5 m
1	0517 62	1 m
1	0517 63	2 m
1	0517 64	3 m
1	0517 65	5 m
1	0518 54	S/FTP shielded impedance 100 Ω Length (m) 1 m
1	0518 55	2 m
1	0518 56	3 m
1	0518 57	5 m

Pack	Cat. Nos.	Marking kit
1	0518 90	Kit of 200 coloured rings for marking RJ 45 cords Rings to be clipped to the patch cords 50 of each colour

Legrand cabling system LCS³ Cat. 6

RJ 45 sockets - Arteor



5728 02



5728 16

Selection chart **p. 14**

Can be integrated in all supports
 With LCS³ 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. 3.0, EN 50173-1 and TIA/EIA 568 C

Pack	Cat. Nos.	Arteor RJ 45 sockets Cat. 6
		Mechanisms supplied with square rocker plates, to be equipped with support frames and plates
		UTP - 1 module
10	5723 02	○ White
10	5728 02	● Magnesium
10	5723 54	○ White with orange shutter
10	5728 54	● Magnesium with orange shutter
10	5723 55	○ White with green shutter
10	5728 55	● Magnesium with green shutter
		UTP - 2 modules
10	5723 14	○ White - square version
10	5728 14	● Magnesium - square version
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5723 53	○ White with red shutter
5	5728 53	● Magnesium with red shutter
		UTP retractable RJ 45 sockets - 4 modules
		With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton
1	5723 39	○ White
1	5728 39	● Magnesium
		FTP - 1 module
10	5723 22	○ White
10	5728 22	● Magnesium
		FTP - 2 modules
10	5723 16	○ White
10	5728 16	● Magnesium
		Shielded STP - 1 module
10	5723 23	○ White
10	5728 23	● Magnesium
		Shielded STP - 2 modules
10	5723 17	○ White
10	5728 17	● Magnesium

For details of full range of Arteor support frames and plates

Contact us on +44 (0) 370 608 9020

Legrand cabling system LCS³ Cat. 6

feedthrough sockets - Arteor



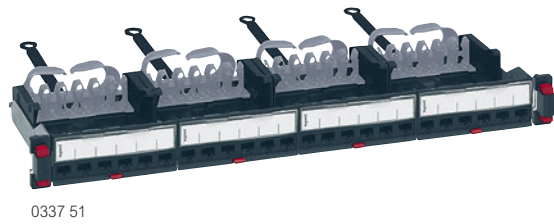
5723 31

Selection chart **p. 14**

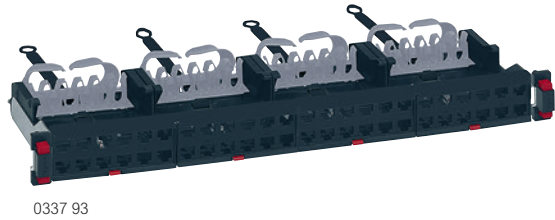
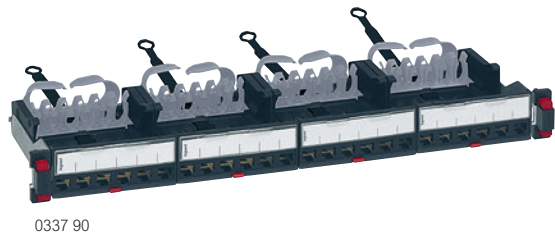
Certified as conforming to standards ISO 11801 ed. 3.0, EN 50173-1 and EIA/TIA 568
 Contacts marked with 568 A and B dual colour code and numbers
 Connectors with self-stripping terminals
 Possibility of re-wiring in the event of error
 Multidirectional cable entry
 For use with area distribution boxes, connection to boxes via RJ 45-RJ 45 dedicated cords
 Used to create Cat. 6 and Cat. 5e links in accordance with standards 2 modules

Pack	Cat.Nos	Sockets with copper feedthrough Cat. 6
		Cat. 6 UTP - Arteor
10	5723 31	○ White
10	5728 31	● Magnesium
		Cat. 6 FTP - Arteor
10	5723 33	○ White
10	5728 33	● Magnesium

Legrand cabling system LCS³ Cat. 5e flat equipped patch panels



Legrand cabling system LCS³ Cat. 5e flat patch panels to be equipped



Equipment and accessories **p. 27**
Technical information **p. 31-33**

Pack	Cat. Nos.	Cat. 5e patch panels equipped with 24 RJ 45 connectors
		<p>Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures</p> <p>Universal mounting on any cabinet or enclosure</p> <p>Panels ensure automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Equipped with 4 cassettes of 6 Cat. 5e RJ 45 LCS³ quick-connect connectors (no tools required), with 568 A/B marking</p> <p>Supplied with coloured labels</p> <p>19" panel - 1U</p> <p>Automatic cassette extraction using push button</p> <p>Possibility of removing each connector individually</p> <p>Flat panel</p> <p>24 RJ 45 connectors - 1U</p>
1	0337 50	UTP
1	0337 51	FTP

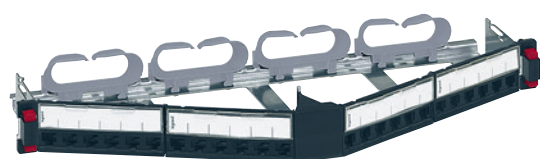
Equipment and accessories **p. 27**
Technical information **p. 31-33**

Pack	Cat. Nos.	Flat 24-connector patch panels - 1U to be equipped
		<p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures</p> <p>Universal mounting on any cabinet or enclosure</p> <p>Panels ensure automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Flat panel with empty cassettes to be equipped with connectors</p> <p>Equipped with 4 automatic extraction cassettes for Cat. 5e to Cat. 8 RJ 45 connectors</p> <p>19" panel - 1U</p> <p>Empty flat panel to be equipped with cassettes</p> <p>Can accept a maximum of 4 automatic extraction cassettes:</p> <ul style="list-style-type: none"> - copper - fibre optic
1	0337 90	19" panel - 1U
1	0337 91	19" panel - 1U

Pack	Cat. Nos.	Flat high density 48-connector patch panel - 1U to be equipped
		<p>Universal mounting on any cabinet or enclosure</p> <p>Panel ensures automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Automatic cassette extraction using push button</p> <p>19" panel - 1U</p>
1	0337 93	19" panel - 1U

Legrand cabling system LCS³ Cat. 5e

angled patch panels to be equipped with connectors



0337 92



0337 94



0337 53



0337 56



0337 59



0337 55



0337 57



0337 58

Equipment and accessories **opposite**
Technical information **p. 31-33**

Pack	Cat. Nos.	
1	0337 92	<p>Angled 24-connector patch panel - 1U</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p>Angled panel to be equipped with connectors Can accept up to 24 Cat. 5e to Cat. 8 RJ 45 connectors 19" panel - 1U</p>
1	0337 94	<p>Angled high density 48-connector patch panel - 1U to be equipped</p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure Panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p>Angled panel to be equipped with connectors Can accept up to 48 Cat. 5e to Cat. 6A RJ 45 connectors 19" panel - 1U</p>
1	0337 53	<p>Cat. 5e high density RJ 45 connectors</p> <p>Conform to ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards Cat. 5e RJ 45 connectors for flat and angled panel Quick-connect connection (no tools required), with 568 A/B marking Supplied with coloured labels For equipment to be installed in the cassettes of flat or angled panels Set of 6 Cat. 5e RJ 45 connectors</p>
1	0337 54	<p>FTP</p>

Technical information **p. 31-33**

Pack	Cat. Nos.	
10	0337 56	<p>Common accessories for flat and angled panels</p> <p>Port blanking modules Divisible 6 port blanking plate For sealing from 1 to 6 ports</p>
1	0337 59	<p>Cord management 2 cord management for use with new generation Quick-Fix Provides side cord management</p>
1	0337 55	<p>Specific accessories for flat panels</p> <p>Cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors. Can accept 6 Cat. 5e to Cat. 8 connectors Extraction using push button making installation and maintenance easier</p>
1	0337 95	<p>High density cassette for flat panels to be equipped Empty extractable cassette to be equipped with connectors. Can accept 12 Cat. 5e to Cat. 6A connectors Extraction using push button making installation and maintenance easier</p>
1	0337 57	<p>Blanking cassette Used to blank the panel</p>
1	0337 58	<p>Specific accessories for angled panels</p> <p>Angled panel cover For optimised management of the air flow inside the cabinet</p>

Legrand cabling system LCS³ Cat. 5e

cables and patch cords



0328 50

0516 40



0518 90

Technical information p. 31-33

Pack	Cat. Nos.		Cables for local networks Cat. 5e
			4 twisted pair cables 100 Ω LSZH sheath: halogen-free Grey RAL 7035 Colour code TIA/EIA
	LSZH	PVC	U/UTP - 4 pairs
305 ⁽¹⁾	0327 50		Length 305 m Supplied in cardboard box. Weight 10 kg
500 ⁽¹⁾	0328 53		Length 500 m Supplied on reel. Weight 15 kg
305 ⁽¹⁾		0327 51	Length 305 m Supplied in cardboard box. Weight 9 kg
			F/UTP - 4 pairs
305 ⁽¹⁾	0327 52		Length 305 m Supplied in cardboard box. Weight 12 kg
500 ⁽¹⁾	0328 50		Length 500 m Supplied on reel. Weight 21 kg
305 ⁽¹⁾		0327 53	Length 305 m Supplied by box. Weight 11 kg

(1) in metre(s)

Pack	Cat. Nos.		RJ 45 patch cords and user cords Cat. 5e
			U/UTP unscreened impedance 100 Ω
			RJ 45 - RJ 45 right Grey RAL 7035
			Length (m)
1		0518 17	0.5 m
1		0516 36	1 m
1		0516 37	2 m
1		0516 38	3 m
1		0516 39	5 m
			F/UTP screened impedance 100 Ω
			RJ 45 - RJ 45 right Grey RAL 7035
			Length (m)
1		0518 14	0.5 m
1		0516 40	1 m
1		0516 41	2 m
1		0516 42	3 m
1		0516 43	5 m
			Marking kit
1		0518 90	Kit of 200 coloured rings for marking RJ 45 cords. Rings to be clipped to the patch cords 50 of each colour

Legrand cabling system LCS³ Cat. 5e

RJ 45 sockets - Arteor

Legrand cabling system LCS³ Cat. 5e

feedthrough sockets - Arteor



5723 31

Selection chart **p. 14**

Can be integrated in all supports
 With LCS³ 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. 3.0, EN 50173-1 and TIA/EIA 568 C

Selection chart **p. 14**

Certified as conforming to standards ISO 11801 ed. 3.0, 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, connection to boxes via RJ 45-RJ 45 dedicated cords
 Used to create Cat. 6 and Cat. 5e links in accordance with standards 2 modules

Pack	Cat.Nos	Arteor RJ 45 sockets cat. 5e
		Mechanisms supplied with square rocker plates, to be equipped with support frames and plates
10	5723 03	UTP - 1 module ○ White
10	5728 03	● Aluminium
10	5723 15	UTP - 2 modules ○ White
10	5728 15	● Aluminium
10	5723 04	FTP - 1 module ○ White
10	5728 04	● Aluminium

Pack	Cat.Nos	Sockets with copper feedthrough Cat. 5e
10	5723 30	Cat. 5e UTP - Arteor ○ White
10	5728 30	● Magnesium
10	5723 32	Cat. 5e FTP - Arteor ○ White
10	5728 32	● Magnesium

For details of full range of Arteor support frames and plates
Contact us on +44 (0) 370 608 9020

Legrand cabling system LCS³

accessories for Cat. 6 and Cat. 5e



0327 60



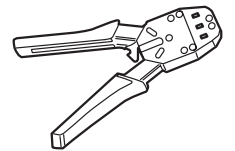
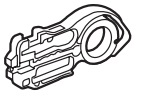
0517 09

Pack	Cat. Nos.	Cable protection accessories
		<p>Conform to standards of the IEC 60603-7 series and to standard IEC 61076-3-106 (version 5) Plastic material IP 66/67 guaranteed connection with the pair Cat. No. 0533 02 IP 55 with no connection for base with blank Protection for RJ 45 shielded or unshielded cables ensuring a link of Cat. 5 Compatible with products on the market conforming to the standards listed</p> <p>Plug Integrated PE with sealing ring and clamping blades Tool-free assembly Ability to protect cables of Cat. 5e</p> <p>Flush-mounting base Locking base Supplied with RJ 45 female/female coupler Cat. 5e</p> <p>Kit Flush-mounting base and plug</p> <p>Protective shutter Fits on base Cat. No. 0533 01</p>
3	0533 00	
3	0533 01	
3	0533 02	
3	0533 03	

Pack	Cat. Nos.	RJ plugs for round cables
		<p>Gold-coated contacts 1.2 µm</p> <p>RJ 45 Cat. 5e 8 contacts, width 11.70 mm 9 contacts, width 11.70 mm</p> <p>RJ 45 sleeves Black White</p>
50	0517 03	
50	0517 04	
50	0517 06	
50	0517 07	



Pack	Cat. Nos.	Stripping tool
		<p>Slits the sheath and releases the conductors by rotation For twisted pair cables Does not damage the conductors</p> <p>Stripper For twisted pair and fibre optic cable</p> <p>Cutting pliers Cut wires cleanly without damaging the copper</p>
1	0332 62	
1	0327 60	
		<p>Crimping tool for RJ 45 plugs 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</p>

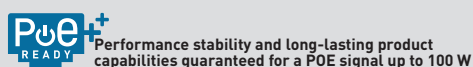


Legrand cabling system LCS³ copper system

technical information

Performance table

	Supported network protocol	SIZES OF COMPONENTS				LINK SIZES (CHANNEL)			
		Cat. 8 STP	Cat. 6A STP	Cat. 6 UTP	Cat. 6 FTP	Class I	Class EA		Class E
		2000 MHz	500 MHz	250 MHz	250 MHz	2000 MHz	500 MHz	250 MHz	250 MHz
		40 Giga	10 Giga	1 Giga	1 Giga	40 Giga	10 Giga	1 Giga	1 Giga
Attenuation (dB) Signal loss	LCS ³ ISO 11801 edition 3	1.5	0.13 0.45 max	0.06 0.32 max	0.09 0.32 max	32.7	35.4 42.1 max	24.1 28.9 max	25.7 30.7 max
Return loss (dB) Resistance to echo	LCS ³ ISO 11801 edition 3	1.2	17.05 14 min	26.59 20 min	29.8 16 min	8	16.4 8 min	22.1 10 min	38.8 10 min
Next (dB) Resistance to disturbances between pairs	LCS ³ ISO 11801 edition 3	12.9	37.46 37 min	56.93 46 min	51.3 46 min	9.8	38.1 29.2 min	54 35.3 min	53.9 35.3 min



Compliance with LCS³ system standards and approvals

The LCS³ system and its components (de-embedded) comply with the current standards:

- EIA/TIA 568 B2.10
- EN 50173-1 and EN 50173-2
- ISO/IEC 11801 edition 3

The LCS³ system supports 10 G applications Base T up to 100 m in a transmission channel in compliance with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards

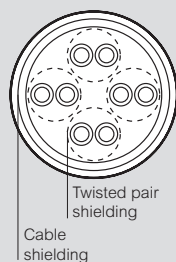
The class I link of the LCS³ system is also compliant with ISO/IEC 11801 edition 3.0 and EIA/TIA 568 C2-1 standards. LCS³ systems are certified by the independent lab 3P, a point of reference for the sector



New denominations of LAN cables (according to ISO 11801-2)

They indicate: "Type of cable shielding" / "type of twisted pair shielding" followed by TP (twisted pairs)

Cable type		Cable shielding	Twisted pair shielding
old denomination	new denomination		
SSTP	S/FTP	S: screen consisting of a copper braid	F: screen consisting of alu/polyester ribbon
SFTP	SF/UTP	SF: ribbon + braid association	U: no screen
STP	U/FTP	U: no screen	F: screen consisting of alu/polyester ribbon
FTP	F/FTP	F: screen consisting of alu/polyester ribbon	F: screen consisting of alu/polyester ribbon
FTP	F/UTP	F: screen consisting of alu/polyester ribbon	U: no screen
UTP	U/UTP	U: no screen	U: no screen



Main characteristics of LCS³ systems

	LCS ³ 8	LCS ³ 6A	LCS ³ 6	LCS ³ 5e		
Frequency	2000 MHz	500 MHz	250 MHz	100 MHz		
Delivery	40 Gbit/s	10 Gbit/s	1 Gbit/s	1 Gbit/s		
Wiring	Copper	Copper	FO	Copper	FO	Copper
Connectors	RJ 45	RJ 45	SC-LC...	RJ 45	SC-LC...	RJ 45
Max. cable length	30 m	100 m	variable	100 m	variable	100 m

Maintenance performance



Legrand guarantees the long-term performance of the LCS³ system by providing a 25-year performance guarantee



25-year guarantee: Legrand guarantees the long term performance of the LCS³ system
www.legrand.co.uk

All dimensions (mm) are nominal

Legrand cabling system LCS³ copper system (continued)

technical information

Euroclass classification

Cat. Nos.	Description	Euroclass (A _{ca} ; B1 _{ca} ; B2 _{ca} ; C _{ca} ; D _{ca} ; E _{ca} ; F _{ca})	Additional criteria (smoke production, flaming droplets, acidity)		
			s1, s1a, s1b, s2, s3	d0, d1, d2	a1, a2, a3
0327 50	CABLE Cat. 5e U/UTP 4P LSZH	D _{ca}	s2	d2	a1
0327 51	CABLE Cat. 5e U/UTP 4P PVC	E _{ca}	-	-	-
0327 52	CABLE Cat. 5e F/UTP 4P LSZH	D _{ca}	s2	d2	a1
0327 53	CABLE Cat. 5e F/UTP 4P PVC	E _{ca}	-	-	-
0327 54	CABLE Cat. 6 U/UTP 4P LSZH	D _{ca}	s2	d2	a1
0327 55	CABLE Cat. 6 U/UTP 4P PVC	E _{ca}	-	-	-
0327 56	CABLE Cat. 6 F/UTP 4P LSZH	D _{ca}	s2	d2	a1
0327 58	CABLE Cat. 6 F/UTP 4P PVC	E _{ca}	-	-	-
0327 59	CABLE Cat. 6 SF/UTP 4P PVC	E _{ca}	-	-	-
0327 76	CABLE Cat. 6 F/UTP 2x4P LSZH	D _{ca}	s2	d2	a1
0327 77	CABLE Cat. 7 S/FTP 4P LSZH	D _{ca}	s2	d1	a1
0327 78	CABLE Cat. 6A F/UTP 4P LSZH	D _{ca}	s2	d2	a1
0327 98	CABLE Cat. 6A F/FTP 2X4P LSZH	D _{ca}	s2	d2	a1
0327 99	CABLE Cat. 6A F/FTP 4P LSZH	D _{ca}	s2	d2	a1
0328 50	CABLE Cat. 5e F/UTP 4P LSZH	D _{ca}	s2	d2	a1
0328 53	CABLE Cat. 5e U/UTP 4P LSZH	D _{ca}	s2	d2	a1
0328 56	CABLE Cat. 6 F/UTP 4P LSZH	D _{ca}	s2	d2	a1
0328 61	CABLE Cat. 6 U/UTP 4P LSZH	D _{ca}	s2	d2	a1
0328 78	CABLE Cat. 6A F/UTP 2X4P LSZH	D _{ca}	s2	d2	a2
0337 88	CABLE Cat. 8 S/FTP 4P LSZH	D _{ca}	s2	d2	a1
0328 57	CABLE Cat. 6 F/UTP 4P PVC	E _{ca}	-	-	-
0328 82	CABLE Cat. 7 S/FTP 4P LSZH	B2 _{ca}	s1	d1	a1
0328 83	CABLE Cat. 6A F/FTP 4P LSZH	C _{ca}	s1	d1	a1
0327 79	CABLE Cat. 7 S/FTP 2X4P LSZH	D _{ca}	s2	d1	a1
0328 84	CABLE Cat. 6A U/FTP 4P LSZH	C _{ca}	s1	d1	a1
0328 85	CABLE Cat. 6A U/FTP 2X4P LSZH	C _{ca}	s1	d1	a1

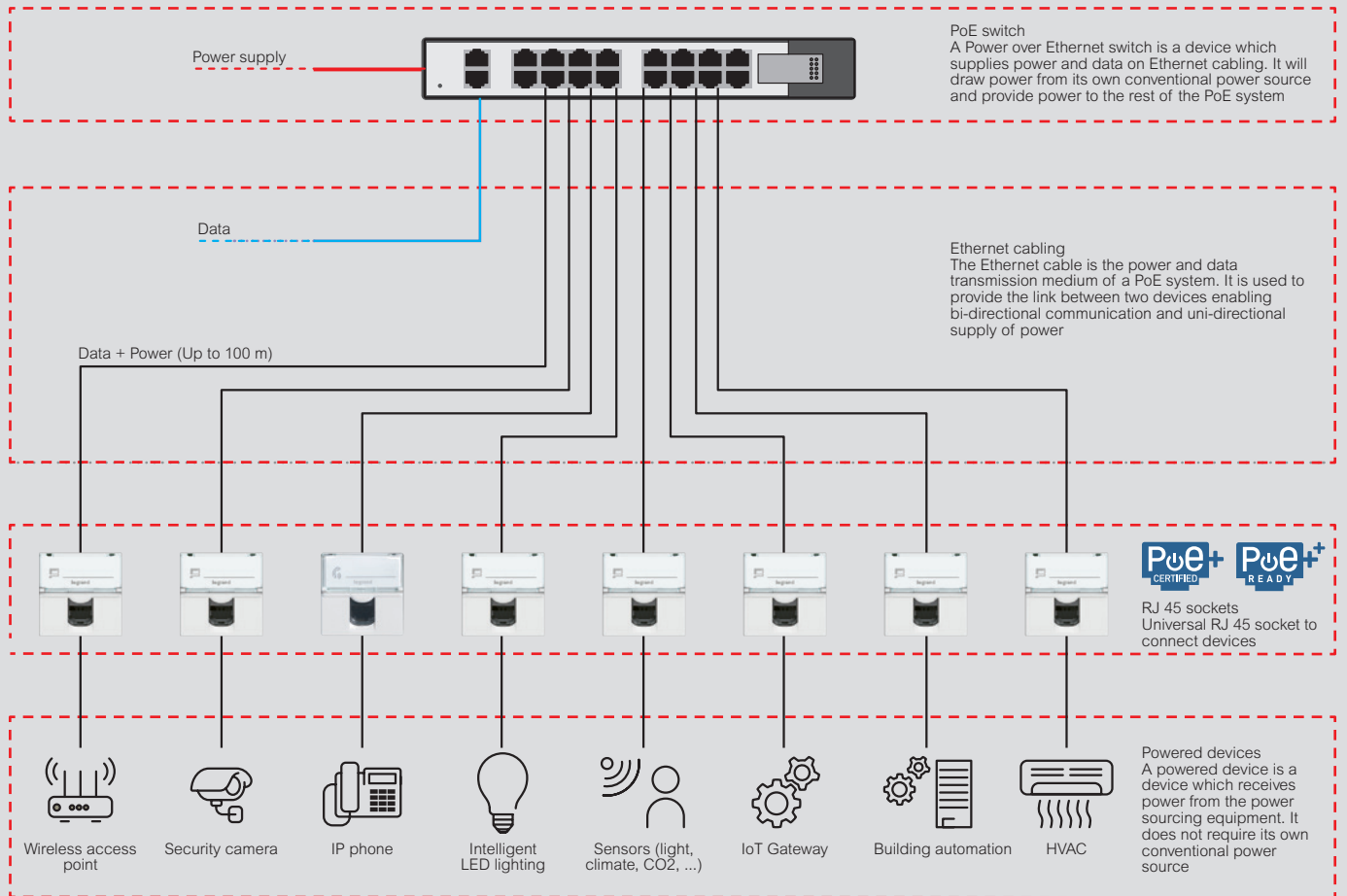
	Euroclass	Classification criteria	Additional criteria	AV CP system (Assessment and Verification of Consistency of Performance)
Non combustible (e.g. mineral insulated)	A _{ca}	EN ISO 1716 Gross heat of combustion	-	
Low-Fire-Hazard cables (various levels)	B1 _{ca}	EN 50399 Heat release Flame spread	Smoke production (s1a, s1b, s2, s3) EN 50399 / EN 61034-2 Acidity (a1, a2, a3) EN 50267-2-3 Flaming droplets (d0, d1, d2) EN 50399	'1+' including: - initial type-testing and continuous surveillance - audit and testing of samples by 3rd party certification body Factory production control by manufacturer
	B2 _{ca}			
	C _{ca}			
	D _{ca}	EN 60332-1-2 Flame propagation		'3' including: - initial type-testing by 3rd party laboratory Factory production control by manufacturer
Standard cables	E _{ca}	EN 60332-1-2 Flame propagation	-	
No performance determined	F _{ca}	EN 60332-1-2 Flame propagation	-	'4': initial type-testing and factory production control by manufacturer

Legrand cabling system LCS³ copper system (continued)

technical information

PoE architecture

Building systems are moving to a single IP Network



Cabling

Cabling must support enough power throughput and efficiency in addition to the heat dissipation capabilities

Cat. 6A cabling:

To improve thermal performance and energy efficiency while minimising the cost of moves, additions, changes and upgrades

We recommend running Cat. 6A cabling to each powered device, preferably using a zone cabling architecture



Connectivity

Connectivity must be robust, durable and provide power headroom for current carrying capacity

Arcing is inevitable with PoE systems, but Legrand's connectivity locates the last point of contact away from the mated connection, protecting the critical area from spark gap erosion. 50 microinch gold plating of the full mated surfaces and maximum contact area in the full mated position extend the life and performance of the connection

In addition, the connector should have a minimum current carrying capacity of paired traces for structured cabling of 1 amp

Legrand's connectivity provides up to an additional amp of headroom for superior performance



Reliability testing

If connectors are unplugged under load, an inductive current is created within the connector that may spark at one or more contact surfaces, causing the surfaces to corrode

It is recommended that connecting hardware be qualified to support PoE and four-pair PoE applications by using the test schedules in IEC 60512-99-001 (PoE and PoE+) and IEC 60512-99-002 (PoE++)



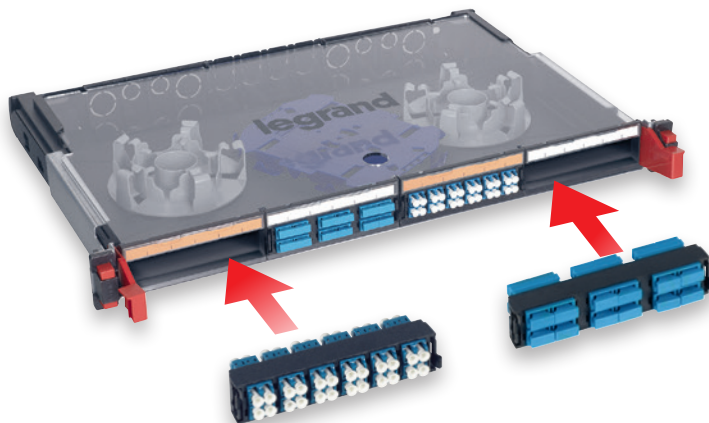
All dimensions (mm) are nominal

Fibre optic panels

Completely redesigned fibre optic panels and drawers in high and very high density versions from 96 to 144 connectors per unit.

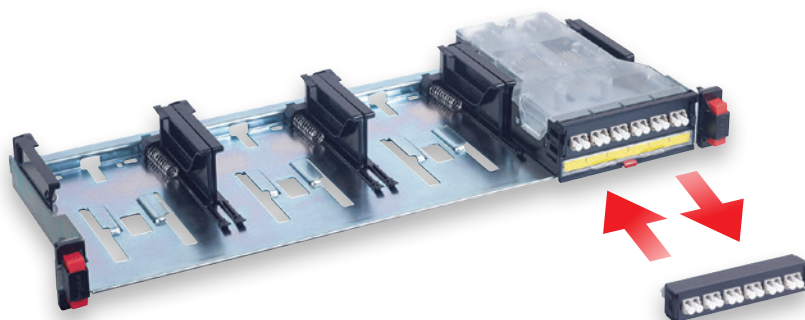
MODULAR PANELS TO BE EQUIPPED

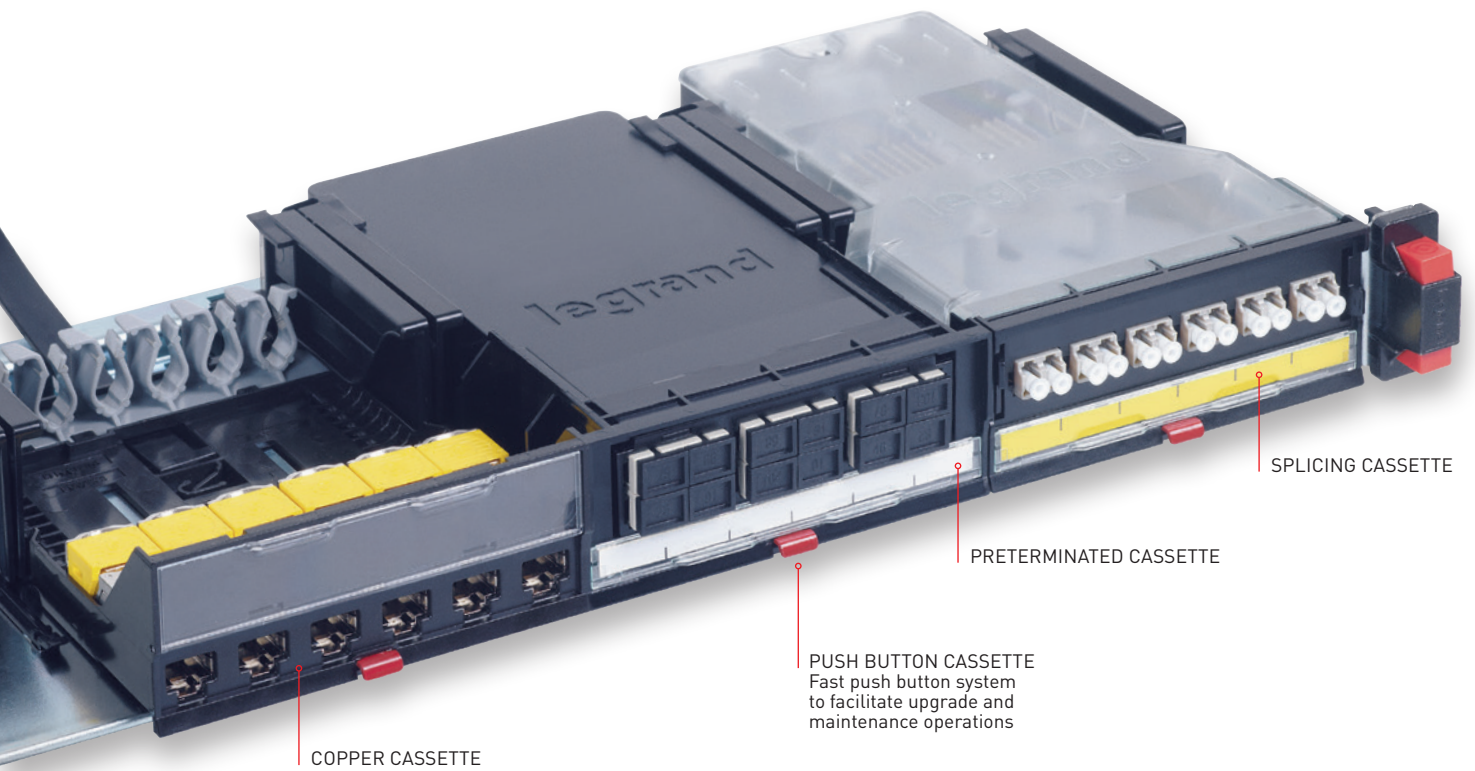
- Possible to change modular blocks, blank panel, footnote adaptor
- Splice trays to be added if necessary - up to 4 containing 96 LC fibres



HD MODULAR PANELS TO BE EQUIPPED

- Innovative new quick-fixing solution
- Possible to add splicing cassette with perfectly adapted coiling space
- Mix of fibre/copper on modular panel in drawer





COPPER CASSETTE

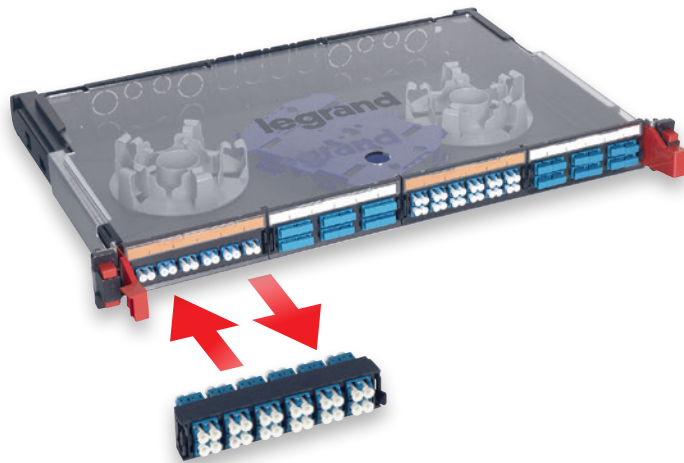
PUSH BUTTON CASSETTE
Fast push button system to facilitate upgrade and maintenance operations

PRETERMINATED CASSETTE

SPLICING CASSETTE

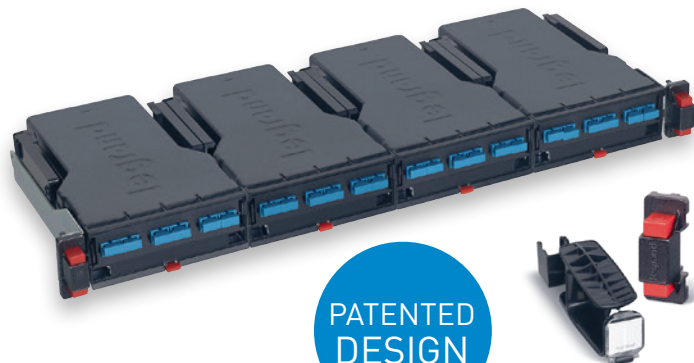
EQUIPPED MODULAR PANELS

- Innovative new quick-fixing solution
- Modular blocks to adapt to modular panel or drawer: LC, SC, ST, LC, APC, SC APC
- Possible to add modular blocks, blank panel, footnote adaptor



EQUIPPED HD MODULAR PANELS


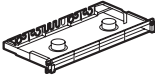
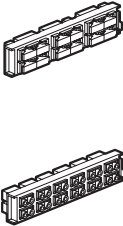
- Cassettes slide in from front and rear
- Push button on cassette
- Splicing cassette that accepts all modular blocks
- Mixture of fibre/copper on cassette panel
- Trunk and cord management system



PATENTED DESIGN

connectivity selection tables - fibre optic solutions

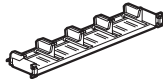
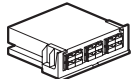
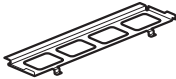
configure your system

LCS ³ FIBRE OPTIC DRAWERS				
			Single-mode (9/125 µm)	Multimode (62.5 and 50/125 µm)
	19" sliding equipped fibre optic drawers	12 SC duplex (24 fibres)	0321 64 (see p. 41)	0321 61 (see p. 41)
		24 LC duplex (48 fibres)	0321 65 (see p. 41)	0321 62 (see p. 41)
		24 ST connectors (48 fibres)	-	0321 63 (see p. 41)
		12 SC APC duplex (24 fibres)	0321 66 (see p. 41)	-
		24 LC APC duplex (48 fibres)	0321 67 (see p. 41)	-
	19" rotating equipped fibre optic drawers	18 SC duplex (36 fibres)	0321 74 (see p. 41)	0321 72 (see p. 41)
		36 LC duplex (72 fibres)	0321 73 (see p. 41)	0321 71 (see p. 41)
	19" modular sliding equipped fibre optic drawers	12 SC duplex (24 fibres)	0 321 06 (see p. 41)	0321 02 (see p. 41)
		24 LC duplex (48 fibres)	-	0321 04 (see p. 41)
	19" modular sliding fibre optic drawer to be equipped with fibre optic blocks	Empty drawer	0321 00 (see p. 41)	
LCS ³ FIBRE OPTIC DRAWER BLOCKS				
			Single-mode (9/125 µm)	Multimode (62.5 and 50/125 µm)
	Fibre optic blocks	SC duplex block for 6 fibre optics	0321 10 (see p. 41)	0321 20 (see p. 41)
		SC duplex high density block for 12 fibre optics	0321 11 (see p. 41)	0321 21 (see p. 41)
		SC APC duplex block for 6 fibre optics	0321 12 (see p. 41)	-
		LC duplex block for 6 fibre optics	0321 13 (see p. 41)	0321 23 (see p. 41)
		LC duplex block for 12 fibre optics	0321 14 (see p. 41)	0321 24 (see p. 41)
		LC high density duplex block for 24 fibre optics	0321 15 (see p. 41)	0321 25 (see p. 41)
		LC APC duplex block for 12 fibre optics	0321 16 (see p. 41)	-
		ST block for 6 fibre optics	0321 17 (see p. 41)	0321 27 (see p. 41)
	4 MTP ⁽¹⁾ feedthrough adapter	0321 33 (see p. 41)	0321 34 (see p. 41)	
	Copper block for fibre optic drawer	0321 32 (see p. 41)		

(1) MTP is a registered trademark of US Conec Ltd

connectivity selection tables - fibre optic solutions (continued)

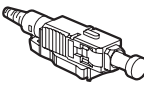
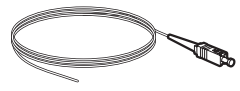

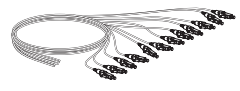
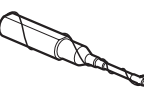
configure your system (continued)

LCS ³ ACCESSORIES FOR FIBRE OPTIC DRAWER TO BE EQUIPPED			
	Accessory for receipt of a fan-out	0321 28 (see p. 41)	
	Blank block	0321 29 (see p. 41)	
	24 fibre optic pigtail cassette	0321 30 (see p. 41)	
	Coiling kit	0321 31 (see p. 41)	
LCS ³ MODULAR PANEL AND CASSETTES			
	19" modular panel to be equipped with cassettes	0321 40 (see p. 42)	
	Fibre optic splice cassette	0321 41 (see p. 42)	
	Copper cassette to be equipped	0337 55 (see p. 42)	
	High density copper cassette to be equipped	0337 95 (see p. 42)	
	Preterminated MTP ⁽¹⁾ cassettes (MPO compatible) Front and rear extraction	Multimode OM4 cassette (50/125 µm) 24 LC OM4 Type A/C	0321 42 (see p. 42)
		Multimode OM4 cassette (50/125 µm) 12 SC OM4 Type A/C	0321 43 (see p. 42)
		Single-mode OS2 cassette (9/125 µm) type OS2 24 LC OS2 Type A/C	0321 44 (see p. 42)
		Single-mode OS2 cassette (9/125 µm) 12 SC OS2 Type A/C	0321 45 (see p. 42)
	Blanking cassette	0337 57 (see p. 42)	
	Rear cable management accessory	0321 46 (see p. 42)	
	Cord management kit	0321 47 (see p. 42)	
	Single-mode 4 MTP ⁽¹⁾ adapter	0321 33 (see p. 42)	
	Multimode 4 MTP ⁽¹⁾ adapter	0321 34 (see p. 42)	

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connectivity selection tables - fibre optic solutions (continued)

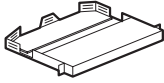
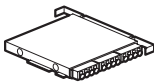





configure your system

LCS ³ QUICK-CONNECT CONNECTORS				
	Tool case for fibre optic quick-connect connectors		0322 70 (see p. 44)	
	OM3 / OM4 multimode Quick-connect connectors	LC PC 50/125 µm , 900/250µm	0322 71 (see p. 44)	
		SC PC 50/125 µm , 900/250µm	0322 72 (see p. 44)	
	OS2 single-mode Quick-connect connectors	LC UPC 9/125 µm , 900/250µm	0322 73 (see p. 44)	
		SC UPC 9/125 µm , 900/250µm	0322 74 (see p. 44)	
SC APC 9/125 µm , 900/250µm		0322 75 (see p. 44)		
LCS ³ PIGTAILS				
			1 m	2 m
  	50/125 µm - OM2 (PC)	SC LSZH connectors	0322 10 (see p. 43)	0322 13 (see p. 43)
		LC LSZH connectors	0322 11 (see p. 43)	0322 14 (see p. 43)
		ST LSZH connectors	0322 12 (see p. 43)	0322 15 (see p. 43)
	50/125 µm - OM3 (PC)	SC LSZH connectors	0322 20 (see p. 43)	0322 23 (see p. 43)
		LC LSZH connectors	0322 21 (see p. 43)	0322 24 (see p. 43)
		ST LSZH connectors	0322 22 (see p. 43)	-
	50/125 µm - OM4 (PC)	SC LSZH connectors	0322 30 (see p. 43)	0322 33 (see p. 43)
		LC LSZH connectors	0322 31 (see p. 43)	0322 34 (see p. 43)
		ST LSZH connectors	0322 32 (see p. 43)	-
	9/125 µm - OS2 (APC or UPC) - OS1 compatible	SC-APC LSZH connectors	0322 40 (see p. 43)	0322 45 (see p. 43)
		SC-UPC LSZH connectors	0322 41 (see p. 43)	0322 46 (see p. 43)
		LC-APC LSZH connectors	0322 42 (see p. 43)	0322 48 (see p. 43)
		LC-UPC LSZH connectors	0322 43 (see p. 43)	0322 47 (see p. 43)
		ST-UPC LSZH connectors	0322 44 (see p. 43)	0322 49 (see p. 43)
	Set of 12 LC pigtails	OS2 (UPC)	0326 24 (see p. 43)	
		OM3 (PC)	0326 26 (see p. 43)	
		OM4 (PC)	0326 71 (see p. 43)	
	Pigtail sleeves	0327 44 (see p. 43)		
Fan-out units	6 fibre optics	0330 48 (see p. 43)		
	12 fibre optics	0330 49 (see p. 43)		
GLUE-ON CONNECTORS 50/125 and 62.5/125 µm				
	ST connector	0331 27 (see p. 43)		
	SC connector	0331 47 (see p. 43)		
	LC connector	0331 00 (see p. 43)		
FIBRE OPTIC CLEANING ACCESSORIES				
	Ferrule cleaner MPO/MTP ⁽¹⁾	0322 83 (see p. 44)		
	Ferrule cleaner LC (PC/APC)	0322 81 (see p. 44)		
	Ferrule cleaner SC (PC/APC)	0322 82 (see p. 44)		
	LC replacement cartridge	0322 84 (see p. 44)		
	SC replacement cartridge	0322 85 (see p. 44)		

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connectivity selection tables - fibre optic solutions (continued)

configure your system

LCS ³ MODULAR FIBRE OPTIC DRAWERS, ULTRA HIGH DENSITY, TO BE EQUIPPED				
	Fibre optic drawers with front and rear facing cord management	1U	0321 50 (see p. 43)	
		2U	0321 52 (see p. 43)	
		4U	0321 53 (see p. 43)	
		UHD panel	0321 51 (see p. 43)	
	MPO cassette - 12 LC OM4 (50/125 µm) Type A/C multimode			0321 54 (see p. 43)
	MPO cassette - 12 LC OS2 (9/125 µm) Type A/C multimode			0321 55 (see p. 43)
	MTP ⁽¹⁾ adapters (MPO compatible)	Multimode	0321 56 (see p. 43)	
		Single-mode	0321 57 (see p. 43)	
12 LC multimode adapter			0321 58 (see p. 43)	
LCS ³ HIGH DENSITY CASSETTES FOR ULTRA HIGH DENSITY MODULAR FIBRE OPTIC DRAWERS				
	MPO cassette - 12 LC OM4 (50/125 µm) Type A/C		0321 54 (see p. 43)	
	MPO cassette - 12 LC OS2 (9/125 µm) Type A/C		0321 55 (see p. 43)	
LCS ³ EQUIPMENT				
	MTP ⁽¹⁾ adapters (MPO compatible)	Multimode	0321 56 (see p. 43)	
		Single-mode	0321 57 (see p. 43)	
	12 LC multimode adapter			0321 58 (see p. 43)
MODULAR PANEL AND CASSETTE				
	19" modular panel to be equipped with cassettes		0321 40 (see p. 42)	
LCS ³ MTP ⁽¹⁾ HIGH DENSITY CASSETTES (MPO COMPATIBLE) FOR MODULAR PANELS				
	OM4 multimode MTP ⁽¹⁾ cassettes (50/125 µm)	24 LC	0321 42 (see p. 42)	
		12 LC	0321 43 (see p. 42)	
	OS2 single-mode MTP ⁽¹⁾ cassettes (9/125 µm)	24 LC	0321 44 (see p. 42)	
		12 LC	0321 45 (see p. 42)	
	Fibre optic splice cassette			0321 41 (see p. 42)
	Copper cassette to be equipped			0337 55 (see p. 42)
	Blanking cassette			0337 57 (see p. 42)
	Rear cable management accessory			0321 46 (see p. 42)
	Cord management kit			0321 47 (see p. 42)
	MTP ⁽¹⁾ adapters (for installation in splice cassettes)	Single-mode 4 MTP ⁽¹⁾	0321 33 (see p. 42)	
Multimode 4 MTP ⁽¹⁾		0321 34 (see p. 42)		
LCS ³ FIBRE OPTIC FEEDTHROUGH SOCKETS				
	2 x ST fibre optic feedthrough socket. White - Bayonet mount		0786 16 (see p. 47)	
	2 x SC fibre optic feedthrough socket. White - 'Push-pull' connection		0786 17 (see p. 47)	
	2 x SC/APC fibre optic feedthrough socket. White - 'Push-pull' connection with shutters		0786 14 (see p. 47)	

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connectivity selection tables - fibre optic solutions (continued)

configure your system

LCS ³ FIBRE OPTIC PATCH PANELS			OS1/OS2 (UPC) single-mode 9/125 µm	OM4 multimode 50/125 µm	OM3 multimode 50/125 µm
	SC/SC duplex cords	1 m	0326 00 (see p. 47)	0326 30 (see p. 47)	0326 09 (see p. 47)
		2 m	0326 01 (see p. 47)	0326 31 (see p. 47)	0326 10 (see p. 47)
		3 m	0326 02 (see p. 47)	0326 32 (see p. 47)	0326 11 (see p. 47)
	SC/LC duplex cords	1 m	0326 03 (see p. 47)	-	0326 12 (see p. 47)
		2 m	0326 04 (see p. 47)	-	0326 13 (see p. 47)
		3 m	0326 05 (see p. 47)	-	0326 14 (see p. 47)
	LC/LC duplex cords	0.5 m	0326 28 (see p. 47)	0326 33 (see p. 47)	-
		1 m	0326 06 (see p. 47)	0326 34 (see p. 47)	0326 15 (see p. 47)
		2 m	0326 07 (see p. 47)	0326 35 (see p. 47)	0326 16 (see p. 47)
		3 m	0326 08 (see p. 47)	0326 36 (see p. 47)	0326 17 (see p. 47)
		5 m	0326 29 (see p. 47)	0326 37 (see p. 47)	-
	LC/LC uniboot duplex cords reversible polarity	1 m	0326 86 (see p. 47)	0326 95 (see p. 47)	-
		2 m	0326 87 (see p. 47)	0326 96 (see p. 47)	-
		3 m	0326 88 (see p. 47)	0326 97 (see p. 47)	-
		5 m	0326 89 (see p. 47)	0326 98 (see p. 47)	-
		10 m	0326 92 (see p. 47)	0326 99 (see p. 47)	-

NOTE: for OM2 multimode fibre optic cables see p. 46

LCS ³ HIGH DENSITY PRETERMINATED FIBRE OPTIC LINKS				OS2 Fan-out - Fan-out	OM3 Fan-out - Fan-out	OS2 MTP ⁽¹⁾	OM3 MTP ⁽¹⁾
Micro cables - OS2 and OM3 Fan-out - Fan-out	6 LC duplex - 6 LC duplex	10 m	0324 21 (see p. 45)	0324 01 (see p. 45)	-	-	
		20 m	0324 22 (see p. 45)	0324 02 (see p. 45)	-	-	
		30 m	0324 23 (see p. 45)	0324 03 (see p. 45)	-	-	
		40 m	0324 24 (see p. 45)	0324 04 (see p. 45)	-	-	
		50 m	0324 25 (see p. 45)	0324 05 (see p. 45)	-	-	
	12 LC duplex - 12 LC duplex	10 m	0324 31 (see p. 45)	0324 11 (see p. 45)	-	-	
		20 m	0324 32 (see p. 45)	0324 12 (see p. 45)	-	-	
		30 m	0324 33 (see p. 45)	0324 13 (see p. 45)	-	-	
		40 m	0324 34 (see p. 45)	0324 14 (see p. 45)	-	-	
		50 m	0324 35 (see p. 45)	0324 15 (see p. 45)	-	-	
Micro cables - OS2 and OM3 MTP ⁽¹⁾	12 fibre optics - MTP ⁽¹⁾ - MTP ⁽¹⁾	10 m	-	-	0324 51 (see p. 45)	0324 41 (see p. 45)	
		20 m	-	-	0324 52 (see p. 45)	0324 42 (see p. 45)	
		30 m	-	-	0324 53 (see p. 45)	0324 43 (see p. 45)	
		40 m	-	-	0324 54 (see p. 45)	0324 44 (see p. 45)	
		50 m	-	-	0324 55 (see p. 45)	0324 45 (see p. 45)	

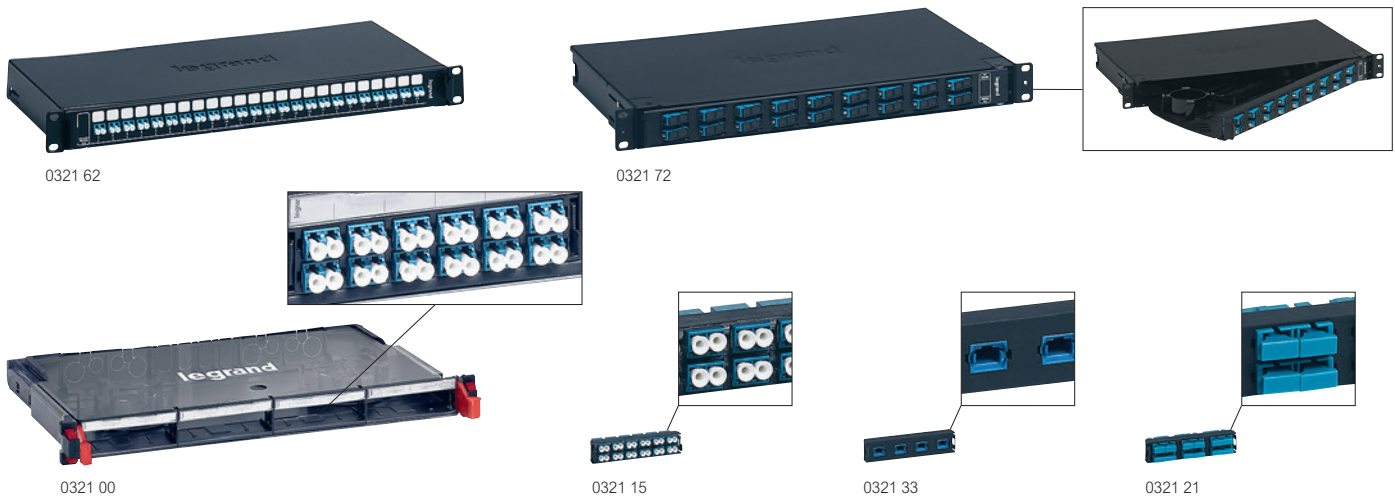
(1) MTP is a registered trademark of US Conec Ltd

LCS ³ FIBRE OPTIC CABLES (REELS)			OS1/OS 2 (UPC) single-mode 9/125 µm	OM4 multimode 50/125 µm	OM3 multimode 50/125 µm	
	Indoor/outdoor	4 fibre	Loose tube	0325 02 (see p. 46)	0325 43 (see p. 45)	0325 37 (see p. 46)
		8 fibre	Loose tube	0325 03 (see p. 46)	0325 44 (see p. 45)	0325 38 (see p. 46)
		6 fibre	Loose tube	0325 12 (see p. 46)	-	-
			Tight structure 900 µm	-	0326 65/66 (see p. 45)	0325 10 (see p. 46)
		12 fibre	Loose tube	0325 14 (see p. 46)	0325 45 (see p. 45)	0325 39 (see p. 46)
			Tight structure 900 µm	0325 50 (see p. 46)	0326 67 (see p. 45)	0325 11 (see p. 46)
		24 fibre	Loose tube	0325 51 (see p. 46)	-	0325 53 (see p. 46)
			Tight structure 900 µm	-	0326 68 (see p. 45)	0325 52 (see p. 46)

NOTE: for OM2 multimode fibre optic cables see p. 46

Legrand cabling system LCS³ fibre optic

19" optic drawers



Selection chart **p. 36-37**
 Technical information **p. 48-49**

Pack	Cat. Nos.	Equipped 19" fibre optic drawers
		Metal equipped 19" optic drawers with 4 cable inputs, supplied with fastening kit, 1 PE Ø 13.5 mm, coiling system and pigtail duct Panel and optic port marking on dedicated marking areas
		Sliding End of travel stop with 30° tilting Maximum capacity either: - 24 ST and SC connectors - 48 LC connectors Depth 220 mm, height 1U
1	0321 61	12 SC duplex multimode connectors for 24 fibres
1	0321 62	24 LC duplex multimode connectors for 48 fibres
1	0321 63	24 ST multimode connectors for 48 fibres
1	0321 64	12 SC duplex single-mode connectors for 24 fibres
1	0321 65	24 LC duplex single-mode connectors for 48 fibres
1	0321 66	12 SC APC duplex single-mode connectors for 24 fibres
1	0321 67	24 LC APC duplex single-mode connectors for 48 fibres
		Rotating Delivered with reversible left or right opening Maximum capacity, either: - 72 LC connectors - 36 SC connectors Depth 260 mm, height 1U
1	0321 71	36 LC duplex multimode connectors for 72 fibres
1	0321 72	18 SC duplex multimode connectors for 36 fibres
1	0321 73	36 LC duplex single-mode connectors for 72 fibres
1	0321 74	18 SC duplex single-mode connectors for 36 fibres

Pack	Cat. Nos.	19" modular fibre optic drawers
		Metal modular 19" optic drawers with 8 cable inputs, supplied with fastening kit, 2 PE Ø 13.5 mm, coiling system and splice cassette Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Supplied with numbered labels End of travel stop with 30° tilting Maximum capacity either: - 48 SC connectors - 24 ST connectors - 96 LC connectors Depth 215 mm, height 1U
		Sliding, equipped 12 SC duplex multimode connectors for 24 fibres 24 LC duplex multimode connectors for 48 fibres 12 SC duplex single-mode connectors for 24 fibres
		Sliding, to be equipped with fibre optic blocks Can accept all fibre optic blocks - 4 blocks maximum Empty drawer
1	0321 02	12 SC duplex multimode connectors for 24 fibres
1	0321 04	24 LC duplex multimode connectors for 48 fibres
1	0321 06	12 SC duplex single-mode connectors for 24 fibres
1	0321 00	Empty drawer

Pack	Cat. Nos.	Fibre optic drawer blocks
		Clipped directly to the optic drawer to be equipped, Cat. No. 0321 00 (opposite), or the fibre optic splice cassette, Cat. No. 0321 41 see p. 42
		Single-mode fibre optic blocks (9/125 µm)
1	0321 17	ST block for 6 single-mode fibre optics
1	0321 10	SC duplex block for 6 single-mode fibre optics
1	0321 11	SC duplex high density block for 12 single-mode fibre optics
1	0321 12	SC APC duplex block for 6 single-mode fibre optics
1	0321 13	LC duplex block for 6 single-mode fibre optics
1	0321 14	LC duplex block for 12 single-mode fibre optics
1	0321 15	LC duplex high density block for 24 single-mode fibre optics
1	0321 16	LC APC duplex block for 12 single-mode fibre optics
1	0321 33	Single-mode 4 MTP ⁽¹⁾ feedthrough adapter
		Multimode fibre optic blocks (62.5 and 50/125 µm)
1	0321 27	ST block for 6 multimode fibre optics
1	0321 20	SC duplex block for 6 multimode fibre optics
1	0321 21	SC duplex high density block for 12 multimode fibre optics
1	0321 23	LC duplex block for 6 multimode fibre optics
1	0321 24	LC duplex block for 12 multimode fibre optics
1	0321 25	LC duplex high density block for 24 multimode fibre optics
1	0321 34	Multimode 4 MTP ⁽¹⁾ feedthrough adapter
		Copper block for fibre optic drawer
1	0321 32	Clips directly to the optic drawer to be equipped, Cat. No. 0321 00 (opposite) Gives the possibility of mixing fibre optic and copper

Pack	Cat. Nos.	Accessories for fibre optic drawer to be equipped
		Accessory for receipt of a fan-out Clips onto back of drawer Enables the entry of preterminated products
1	0321 28	
		Blank Blank block
1	0321 29	
		Pigtail cassette Capacity 24 fibre optics
1	0321 30	
		Coiling kit 1 accessory
1	0321 31	

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Legrand cabling system LCS³ fibre optic

19" fibre optic modular panel and drawer cassettes



0321 40 + 0321 41



Panel 0321 40 to be equipped with 4 cassettes 0321 43



0321 41



0321 43



0321 46

Selection chart **p. 37, 39**
 Technical information **p. 48-49**

Pack	Cat. Nos.	Modular 19" panel to be equipped with cassettes
1	0321 40	To be equipped with maximum 4 automatic extraction cassette Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Maximum capacity, either: - 48 SC connectors - 24 ST connectors - 96 LC connectors Depth 190 mm, height 1U

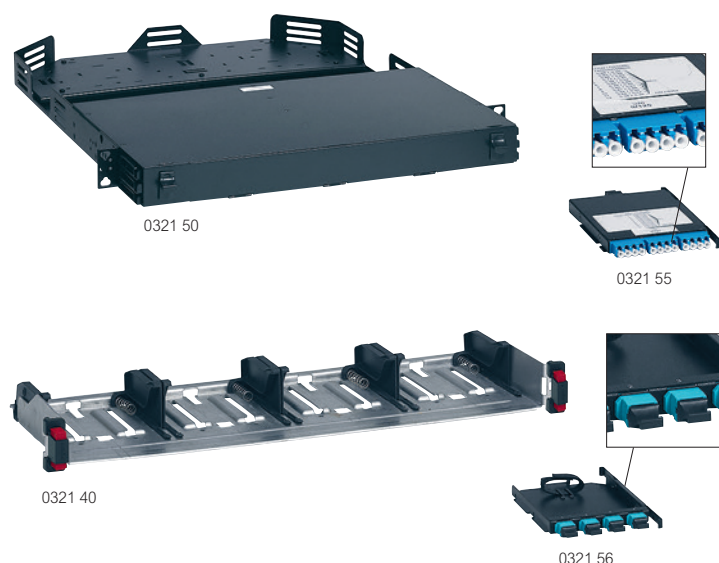
Pack	Cat. Nos.	Accessories for 19" panel to be equipped with cassettes
1	0321 46	Rear cable management accessory For installation on panel Cat. No. 0321 40
1	0321 47	Cord management kit (guide/support/door) For installation on panel Cat. No. 0321 40; 2 side cord management and front door with integrated marking to ensure correct front and side cord management Cord support to be installed on the cassette to make side passages easier

Pack	Cat. Nos.	Optic drawer cassettes
		Installed directly in the optic panel Cat. No. 0321 40 Removable cassette Extraction using push button, making installation and maintenance easier
1	0321 41	Fibre optic splice cassette Accepts all modular fibre optic blocks
1	0337 55	Copper cassette to be equipped Accepts 6 Cat. 5e, Cat. 6, Cat. 6A and Cat. 8 connectors
1	0337 95	High density copper cassette to be equipped Accepts 12 Cat. 5e, Cat. 6 and Cat. 6A connectors
		MTP⁽¹⁾ preterminated cassette (MPO compatible) Front and rear extraction High performance cassette, low insertion loss <0.35 dB
1	0321 42	Multimode OM4 cassette (50/125 µm) 24 LC OM4 Type A/C
1	0321 43	Multimode OM4 cassette (50/125 µm) 12 SC OM4 Type A/C
1	0321 44	Single-mode OS2 cassette (9/125 µm) type OS2 24 LC OS2 Type A/C
1	0321 45	Single-mode OS2 cassette (9/125 µm) 12 SC OS2 Type A/C
1	0337 57	Blanking cassette Used to blank the panel
		Adapters
1	0321 33	Single-mode 4 MTP ⁽¹⁾ adapter (installation in cassette Cat. No. 0321 41)
1	0321 34	Multimode 4 MTP ⁽¹⁾ adapter (installation in cassette Cat. No. 0321 41)

(1) MTP is a registered trademark of US Conec Ltd

Legrand cabling system LCS³ fibre optic

19" high density and ultra high density fibre optic drawers



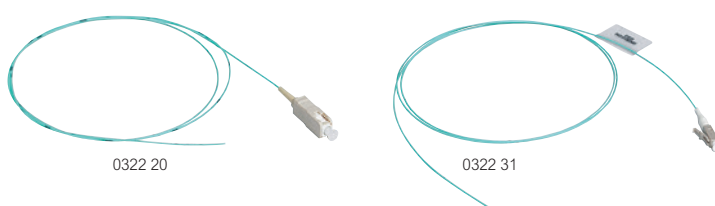
Selection chart p. 38-39
Technical information p. 48-49

Pack	Cat. Nos.	Modular fibre optic drawers, ultra high density to be equipped with cassettes
		Fixed and modular chassis for the reception of the drawers
		Fibre optic drawers with front and rear facing cord management
		Maximum capacity 4U (up to 48 cassettes)
		- 576 LC connectors
		Maximum capacity 2U (up to 24 cassettes)
		- 288 LC connectors
		Maximum capacity 1U (up to 12 cassettes)
		- 144 LC connectors
1	0321 50	1U
1	0321 52	2U
1	0321 53	4U
1	0321 51	UHD panel to be equipped with cassette Without rear cord management 1U
		Ultra high density cassettes
		Clipped directly to the fibre optic drawers, Cat. Nos. 0321 50/51/52/53
		Sliding cassette for the above chassis
		Front or rear cassette extraction
		MTP ⁽¹⁾ high performance cassette
		Low insertion loss < 0.35 dB
		A/C polarity
		Multimode OM4 cassette (50/125 µm)
		For OM4 type 50/125 µm multimode installations
1	0321 54	MPO cassette 12 LC OM4 Type A/C
		OS2 cassette (9/125 µm)
		For OS2 type 9/125 µm multimode installations
1	0321 55	MPO cassette 12 LC OS2 Type A/C
		MTP⁽¹⁾ adapters (MPO compatible)
		Clipped directly to the fibre optic drawers, Cat. Nos. 0321 50/51/52/53
1	0321 56	Multimode 4 MTP ⁽¹⁾ adapter
1	0321 57	Single-mode 4 MTP ⁽¹⁾ adapter
		LC adapter
		Clipped directly to the fibre optic drawers, Cat. Nos. 0321 50/51/52/53
1	0321 58	Adapter 12 LC multimode

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Legrand cabling system LCS³ fibre optic

pigtails, glue-on connectors and fan-out units

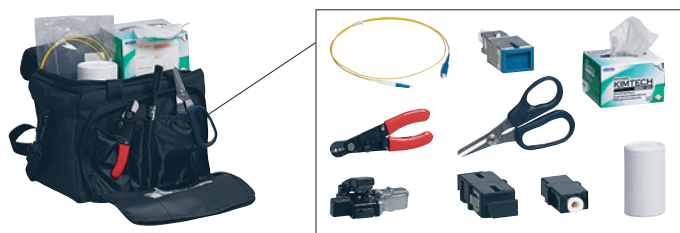


Selection chart p. 38
Technical information p. 48-49

Pack	Cat. Nos.	Pigtails
		Can be used for on-site connection of the fibre optic cable: - OM2/OM3/OM4 IL Typical/Master = 0.15 db - OS2 IL Typical/Master = 0.18 db
		50/125 µm - OM2 (PC) connectors
10	0322 10	SC 1 m LSZH
10	0322 11	LC 1 m LSZH
10	0322 12	ST 1 m LSZH
10	0322 13	SC 2 m LSZH
10	0322 14	LC 2 m LSZH
10	0322 15	ST 2 m LSZH
		50/125 µm - OM3 (PC) connectors
10	0322 20	SC 1 m LSZH
10	0322 21	LC 1 m LSZH
10	0322 22	ST 1 m LSZH
10	0322 23	SC 2 m LSZH
10	0322 24	LC 2 m LSZH
		50/125 µm - OM4 (PC) connectors
10	0322 30	SC 1 m LSZH
10	0322 31	LC 1 m LSZH
10	0322 32	ST 1 m LSZH
10	0322 33	SC 2 m LSZH
10	0322 34	LC 2 m LSZH
		9/125 µm - OS2 (APC or UPC) - OS1 compatible connectors
10	0322 40	SC-APC OS2 1 m LSZH
10	0322 41	SC-UPC OS2 1 m LSZH
10	0322 42	LC-APC OS2 1 m LSZH
10	0322 43	LC-UPC OS2 1 m LSZH
10	0322 44	ST-UPC OS2 1 m LSZH
10	0322 45	SC-APC OS2 2 m LSZH
10	0322 46	SC-UPC OS2 2 m LSZH
10	0322 47	LC-UPC OS2 2 m LSZH
10	0322 48	LC-APC OS2 2 m LSZH
10	0322 49	ST-UPC OS2 2 m LSZH
		Set of 12 LC pigtails
1	0326 24	OS2 12 pigtails LC-UPC
1	0326 26	OM3 12 pigtails LC-PC
1	0326 71	OM4 12 pigtails LC-PC
		Pigtail sleeves
1	0327 44	40 mm - bag of 50 sheaths
		Glue-on connectors 50/125 and 62.5/125 µm
		Supplied with 900 µm sleeve Ceramic ferrule connector Typical attenuation: 0.3 dB Connectors
10	0331 27	ST
10	0331 47	SC
10	0331 00	LC
		Fan-out units
		Allows a 900 µm fibre optic gain 250 µm diameter fibre optics accepted
1	0330 48	6 fibre optic
1	0330 49	12 fibre optic

Legrand cabling system LCS³ fibre optic

case and quick-connect connectors



0322 70



0322 72



0322 73



0322 75



0322 83



0322 81



0322 85

Selection chart **p. 38**
 Technical information **p. 48-49**

Pack	Cat. Nos.	Tool case for the preparation of the fibre optic for quick-connect connectors
1	0322 70	Contains the tools required for the preparation of the fibre optic cable, for the completion of a first test to confirm the correct connection of the fibre optic to the connector, and the accessories for easy connection in all situations Consisting of: - Precision cleaver - Kevlar stripping and cutting tool - Visual defect detector - Installation details and video - Accessories (cleaners, marker etc.)

Pack	Cat. Nos.	Fibre optic cleaning accessories
1	0322 83	Ferrule cleaner MPO/MTP ⁽¹⁾
1	0322 81	Ferrule cleaner LC (PC/APC)
1	0322 82	Ferrule cleaner SC (PC/APC)
1	0322 84	LC replacement cartridge
1	0322 85	SC replacement cartridge

Pack	Cat. Nos.	Quick-connect connectors
		Preparation completed using the case, Cat. No. 0322 70 Easy to connect, reliable and reusable up to 5 times Enable the locking of the fibre optic inside the connector A LED is used to test the connection No glue or polishing required Can be installed on 900 µm fibre optics For 250 µm fibre optic use dedicated tubes, delivered with the connector; typical IL multimode OM3/OM4 = 0.1 db, single mode OS2 = 0.2 db (PC) and 0.3 db (APC)
		OM3/OM4 multimode connectors Set of 12 connectors
1	0322 71	LC PC 50/125 µm, 900/250 µm
1	0322 72	SC PC 50/125 µm, 900/250 µm
		OS2 single-mode connectors Set of 12 connectors
1	0322 73	LC UPC 9/125 µm, 900/250 µm
1	0322 74	SC UPC 9/125 µm, 900/250 µm
1	0322 75	SC APC 9/125 µm, 900/250 µm

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Legrand cabling system LCS³ fibre optic preterminated solution



0324 41

Legrand cabling system LCS³ fibre optic cables



0326 66

Selection chart **p. 40**
 Technical information **p. 48-49**

Pack	Cat. Nos.	High density preterminated fibre optic links	
		Delivered on cardboard drums Connection of high density drawer cassette Low density micro-cable Sheaths in LSZH, colour aqua (OM3) and yellow (OS2) Supplied with test reports and unwinder Fan-out - Fan-out: spark gap in anodised aluminium for optimum resistance Low connector insertion loss LC < 0.15 dB/connector MTP ⁽¹⁾ -MTP ⁽¹⁾ : low connector insertion loss MTP ⁽¹⁾ < 0.35 dB/connector	
		Micro cables OM3 Fan-out - Fan-out	
		Micro cables with spark gap, output 2 mm	
		Designation	Length (m)
1	0324 01	6 LC duplex - 6 LC duplex	10
1	0324 02	6 LC duplex - 6 LC duplex	20
1	0324 03	6 LC duplex - 6 LC duplex	30
1	0324 04	6 LC duplex - 6 LC duplex	40
1	0324 05	6 LC duplex - 6 LC duplex	50
1	0324 11	12 LC duplex - 12 LC duplex	10
1	0324 12	12 LC duplex - 12 LC duplex	20
1	0324 13	12 LC duplex - 12 LC duplex	30
1	0324 14	12 LC duplex - 12 LC duplex	40
1	0324 15	12 LC duplex - 12 LC duplex	50
		Micro cables OS2 Fan-out - Fan-out	
		Micro cables with spark gap, output 2 mm	
		Designation	Length (m)
1	0324 21	6 LC duplex - 6 LC duplex	10
1	0324 22	6 LC duplex - 6 LC duplex	20
1	0324 23	6 LC duplex - 6 LC duplex	30
1	0324 24	6 LC duplex - 6 LC duplex	40
1	0324 25	6 LC duplex - 6 LC duplex	50
1	0324 31	12 LC duplex - 12 LC duplex	10
1	0324 32	12 LC duplex - 12 LC duplex	20
1	0324 33	12 LC duplex - 12 LC duplex	30
1	0324 34	12 LC duplex - 12 LC duplex	40
1	0324 35	12 LC duplex - 12 LC duplex	50
		Micro cables OM3 MTP⁽¹⁾	
		Designation	Length (m)
1	0324 41	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	10
1	0324 42	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	20
1	0324 43	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	30
1	0324 44	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	40
1	0324 45	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	50
		Micro cables OS2 MTP⁽¹⁾	
		Designation	Length (m)
1	0324 51	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	10
1	0324 52	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	20
1	0324 53	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	30
1	0324 54	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	40
1	0324 55	12 fibre optics - MTP ⁽¹⁾ -MTP ⁽¹⁾	50

(1) MTP is a registered trademark of US Conec Ltd

Selection chart **p. 40**
 Technical information **p. 48-49**

LSOH sheath (except Cat. Nos. 0325 46/47)
 Euroclass D_{ca} (except Cat. Nos. 0325 46/47/48)
 Colour code FOTAG
 Conform to EN 50173-2, ISO IEC 11801 standard
 Packing on reel
 Tight structure: 'easy strip'

Pack	Cat. Nos.		OM4 multimode fibre optic cables (50/125 µm)
	Loose tube	Tight structure 900 µm	For multimode installations 50/125 µm, type OM 4 Aqua sheaths Suitable for 10 Giga Ethernet networks
2000 ⁽¹⁾	0325 43	–	Indoor/outdoor (glass strands) 4 fibres - 2000 m
2000 ⁽¹⁾	0325 44	–	Indoor/outdoor (glass strands) 8 fibres - 2000 m
2000 ⁽¹⁾	0325 45	–	Indoor/outdoor (glass strands) 12 fibres - 2000 m
500 ⁽¹⁾	–	0326 65	Indoor/outdoor (glass strands) 6 fibres - 500 m
1000 ⁽¹⁾	–	0326 66	Indoor/outdoor (glass strands) 6 fibres - 1000 m
1000 ⁽¹⁾	–	0326 67	Indoor/outdoor (glass strands) 12 fibres - 1000 m
1000 ⁽¹⁾	–	0326 68	Indoor/outdoor (glass strands) 24 fibres - 1000 m

(1) in metre(s)

Other configurations on request
Contact us on +44 (0) 370 608 9020

Legrand cabling system LCS³ fibre optic

cables (continued)



Selection chart **p. 40**
 Technical information **p. 48-49**

LSZH sheath
 Euroclass D_{ca}
 Colour code: FOTAG
 Conform to EN 50173-2, ISO IEC 11801 standard
 Packing on drum (2000 m)
 Tight structure: 'easy strip'

Pack	Cat. Nos.		OS2 (UPC) single-mode fibre optic cables (9/125 µm) - (OS1 compatible) For single-mode installations 9/125 µm, type OS2 Yellow or black sheaths for outdoor, rodent guard Indoor/outdoor (glass strands)
	Loose tube	Tight structure 900 µm	
2000 ⁽¹⁾	0325 02	–	Indoor/outdoor (glass strands) 4 fibres
2000 ⁽¹⁾	0325 03	–	Indoor/outdoor (glass strands) 8 fibres
2000 ⁽¹⁾	0325 12	–	Indoor/outdoor (glass strands) 6 fibres
2000 ⁽¹⁾	0325 14	0325 50	Indoor/outdoor (glass strands) 12 fibres
2000 ⁽¹⁾	0325 51	–	Indoor/outdoor (glass strands) 24 fibres

Pack	Cat. Nos.		OM3 multimode fibre optic cables (50/125 µm) For multimode installations 50/125 µm, type OM3 Aqua sheaths Suitable for 10 Giga Ethernet networks Indoor/outdoor (glass strands)
	Loose tube	Tight structure 900 µm	
2000 ⁽¹⁾	–	0325 10	Indoor/outdoor (glass strands) 6 fibres
2000 ⁽¹⁾	–	0325 11	Indoor/outdoor (glass strands) 12 fibres
2000 ⁽¹⁾	0325 53	0325 52	Indoor/outdoor (glass strands) 24 fibres
2000 ⁽¹⁾	0325 37	–	Indoor/outdoor (glass strands) 4 fibres
2000 ⁽¹⁾	0325 38	–	Indoor/outdoor (glass strands) 8 fibres
2000 ⁽¹⁾	0325 39	–	Indoor/outdoor (glass strands) 12 fibres

Pack	Cat. Nos.		OM2 multimode fibre optic cables (50/125 µm) For 50/125 µm multimode installations type OM2 Orange jacket or black for outdoor, corrugated Indoor/outdoor (universal)
	Loose tube	900 µm Tight buffer	
2000 ⁽¹⁾	–	0325 55	Indoor/outdoor (universal) 4 fibres
2000 ⁽¹⁾	0325 04	0325 08	Indoor/outdoor (universal) 6 fibres
2000 ⁽¹⁾	0325 06	0325 09	Indoor/outdoor (universal) 12 fibres

(1) in metre(s)

Legrand cabling system LCS³ fibre optic

patch cords



Selection chart **p. 39-40**
 Technical information **p. 48-49**

Fitted with ceramic ferrule connectors on each end
 Individually packed and tested (report supplied)
 Zipcord LSZH sheath

Pack	Cat. Nos.	OS1/OS2 (UPC) single-mode optical cords
		Maximum optic loss / Master: 0.25 dB For single-mode installations 9/125 µm, type OS1/OS2 Yellow sheaths
		SC/SC duplex cords
3	0326 00	Length: 1 m
3	0326 01	Length: 2 m
3	0326 02	Length: 3 m
		SC/LC duplex cords
3	0326 03	Length: 1 m
3	0326 04	Length: 2 m
3	0326 05	Length: 3 m
		LC/LC duplex cords
3	0326 28	Length: 0.5 m
3	0326 06	Length: 1 m
3	0326 07	Length: 2 m
3	0326 08	Length: 3 m
3	0326 29	Length: 5 m
		LC/LC uniboot duplex cords
		Reversible polarity
3	0326 86	Length: 1 m
3	0326 87	Length: 2 m
3	0326 88	Length: 3 m
3	0326 89	Length: 5 m
3	0326 92	Length: 10 m

Pack	Cat. Nos.	OM4 multimode fibre optic cords (50/125 µm)
		Suitable for 10 Giga Ethernet networks Optic losses max/Master: 0.15 dB for multimode installations 50/125 µm, type OM4 Aqua sheaths
		SC/SC duplex cords
3	0326 30	Length: 1 m
3	0326 31	Length: 2 m
3	0326 32	Length: 3 m
		LC/LC duplex cords
3	0326 33	Length: 0.5 m
3	0326 34	Length: 1 m
3	0326 35	Length: 2 m
3	0326 36	Length: 3 m
3	0326 37	Length: 5 m
		LC/LC uniboot duplex cords
		Reversible polarity
3	0326 95	Length: 1 m
3	0326 96	Length: 2 m
3	0326 97	Length: 3 m
3	0326 98	Length: 5 m
3	0326 99	Length: 10 m

Pack	Cat. Nos.	OM3 multimode fibre optic cords (50/125 µm)
		Suitable for 10 Giga Ethernet networks Maximum optic loss / Master: 0.25 dB For multimode installations 50/125 µm, type OM3 Aqua sheaths
		SC/SC duplex cords
3	0326 09	Length: 1 m
3	0326 10	Length: 2 m
3	0326 11	Length: 3 m
		SC/LC duplex cords
3	0326 12	Length: 1 m
3	0326 13	Length: 2 m
3	0326 14	Length: 3 m
		LC/LC duplex cords
3	0326 15	Length: 1 m
3	0326 16	Length: 2 m
3	0326 17	Length: 3 m

Pack	Cat. Nos.	OM2 multimode fibre optic cords (50/125 µm)
		Optic losses max/Master: 0.25 dB For multimode installations 50/125 µm, type OM2 Orange sheaths
		ST/ST duplex cords
3	0330 80	Length: 1 m
3	0330 81	Length: 2 m
3	0330 82	Length: 3 m
		SC/SC duplex cords
3	0330 69	Length: 1 m
3	0330 70	Length: 2 m
3	0330 71	Length: 3 m
		ST/SC duplex cords
3	0330 72	Length: 2 m
3	0330 73	Length: 3 m
		LC/LC duplex cords
3	0330 61	Length: 2 m
		SC/LC duplex cords
3	0330 75	Length: 1 m
3	0330 63	Length: 2 m
3	0330 76	Length: 3 m
		LC/ST duplex cords
3	0330 65	Length: 2 m

Pack	Cat. Nos.	Fibre optic feedthrough sockets
		Equipped with 2 inputs / 2 outputs duplex feedthrough Enable the connection of two fibre optics (fitted with their connectors) Supplied with protection caps Equipped with a clear nameplate holder 2 modules
1	0786 16	2 x ST fibre optic feedthrough socket Bayonet mount (STII compatible) ○ White
1	0786 17	2 x SC fibre optic feedthrough socket 'Push-pull' connection ○ White
1	0786 14	2 x SC/APC fibre optic feedthrough socket 'Push-pull' connection with shutters ○ White

Technical characteristics

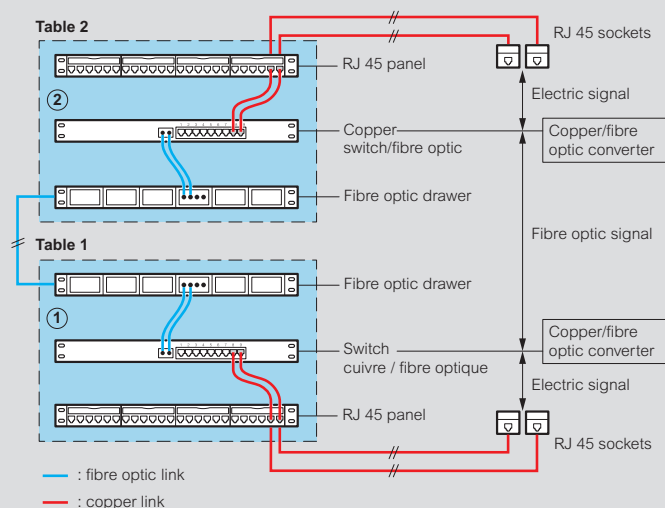
- Connectors connected using 900 µm and 250 µm fibre optics
- Maximum weakening 0.3 dB
- Perfectly suited for high delivery systems: 10 Gigabit Ethernet
- Operating temperature: from 0 to 65°C
- Shallow depth connectors

New optical classes according to ISO/IEC 11801 edition 3 (2017)

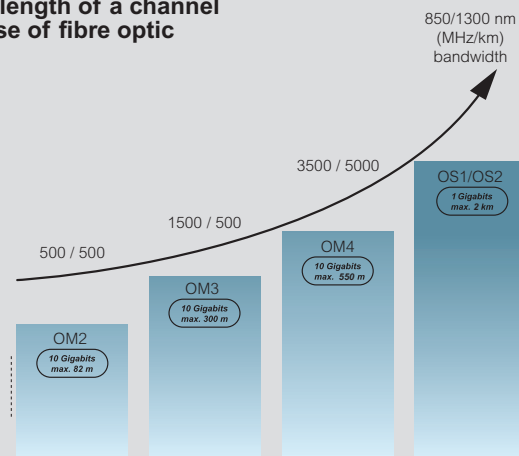
Optical connection parameters according to ISO 11801 / EN 50173

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

Typical diagram of a fibre optic connection between 2 distributors



Maximum length of a channel with the use of fibre optic



Protocols (max. length)	Multimode			Single-mode
	OM2	OM3	OM4	OS1/OS2
10 Gigabit Ethernet (base S/R)	82 m	300 m	550 m ⁽¹⁾	NA
Giga Ethernet (base LX)	550 m	550 m	550 m	2 km
Giga Ethernet (base SX)	550 m	550 m	1100 m	NA

 TIA 568

 IEEE 802.3 applications

(1) Technical solution using a fibre optic cable with maximum attenuation 3 dB/km and a wave length of 850 nm

Legrand cabling system LCS³ fibre optic system

technical information

Euroclass classification

Cat.Nos	Euroclass (A _{ca} ; B1 _{ca} ; B2 _{ca} ; C _{ca} ; D _{ca} ; E _{ca} ; F _{ca})	Additional criteria (smoke production, flaming droplets, acidity)		
		s1, s1a, s1b, s2, s3	d0, d1, d2	a1, a2, a3
0325 04	D _{ca}	s2	d2	a1
0325 06	D _{ca}	s2	d2	a1
0325 08	D _{ca}	s2	d2	a1
0325 09	D _{ca}	s2	d2	a1
0325 10	D _{ca}	s2	d2	a1
0325 11	D _{ca}	s2	d2	a1
0325 12	D _{ca}	s2	d2	a1
0325 14	D _{ca}	s2	d2	a1
0325 50	D _{ca}	s2	d2	a1
0325 51	D _{ca}	s2	d2	a1
0325 52	D _{ca}	s2	d2	a1
0325 53	D _{ca}	s2	d2	a1
0325 55	D _{ca}	s2	d2	a1
0325 02	D _{ca}	s2	d2	a1
0325 03	D _{ca}	s2	d2	a1
0325 37	D _{ca}	s2	d2	a1
0325 38	D _{ca}	s2	d2	a1
0325 39	D _{ca}	s2	d2	a1
0325 43	D _{ca}	s2	d2	a1
0325 44	D _{ca}	s2	d2	a1
0325 45	D _{ca}	s2	d2	a1
0326 65	D _{ca}	s2	d2	a1
0326 66	D _{ca}	s2	d2	a1
0326 67	D _{ca}	s2	d2	a1
0326 68	D _{ca}	s2	d2	a1

	Euroclass	Classification criteria	Additional criteria	AV CP system
Non combustible (e.g. mineral insulated)	A _{ca}	EN ISO 1716 Gross heat of combustion	-	'1+' including: - initial type-testing and continuous surveillance
Low-Fire-Hazard cables (various levels)	B1 _{ca}	EN 50399 Heat release Flame spread	Smoke production (s1a, s1b, s2, s3) EN50399/EN61034-2 Acidity (a1, a2, a3) EN 50267-2-3	- audit and testing of samples by 3rd party certification body Factory production control by manufacturer
	B2 _{ca}			
	D _{ca}			
Standard cables	E _{ca}	EN 60332-1-2 Flame propagation	-	Factory production control by manufacturer
No performance determined	F _{ca}	EN 60332-1-2 Flame propagation	-	'4': initial type-testing and factory production control by manufacturer

All dimensions (mm) are nominal

LINKEO

19" freestanding cabinets

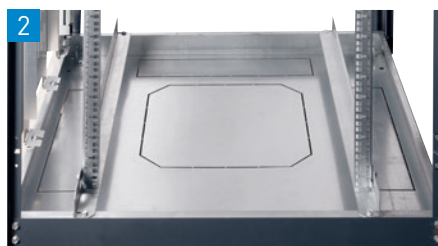


A COMPLETE SOLUTION FOR COMMERCIAL SECTOR REQUIREMENTS

Linkeo 19" enclosures have been designed to be easy to install and totally functional. With a wide range of accessories that can be used with Linkeo enclosures, you have the benefit of a complete offer to meet the requirements of all your projects.



19" uprights with U marking and adjustable depth



Pre-cut top and bottom cable entries. Cut-out on the roof for fan kits



Full glass door (reversible) with screen printing for perfect aesthetics



Removable side and rear panels with automatic grounding



Vertical cable guide (side and rear mount) and optional PDU support



- Equipped with levelling feet
- Can be linked using baying kit

Wall-mounting cabinets

CHOOSE THE LEVEL
OF ACCESSIBILITY
INSIDE THE CABINET



FIXED SIDE PANELS



19" version

REMOVABLE SIDE PANELS



19" version

Pivoting 19" version

COMMON FEATURES



- Reversible flat safety glass door with screen printing and integrated lock



- Supplied with 2 x 19" uprights, with adjustable depth and U marking
- Additional 19" uprights as option



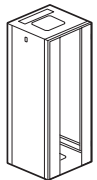
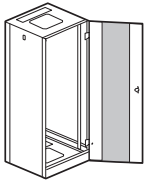
- Rear, top and bottom pre-cut cable entries to be equipped with brush (provided with the cabinet)





- Top perforations for natural ventilation (can be equipped with fan kit)

connectivity and cabinet selection tables






configure your system

LINKEO 19" FREESTANDING CABINETS (p. 56)						
WITH SINGLE FRONT GLASS DOOR (see p. 56) Anthracite grey RAL 7016	Assembly	Capacity	Height (mm)	Width (mm)	Depth (mm)	Cat. Nos.
	Flatpack	24U	1226	600	600	6467 75
		24U	1226	800	800	6467 76
		33U	1626	600	600	6467 80
		33U	1626	800	800	6467 81
		42U	2026	600	600	6467 85
		42U	2026	600	800	6467 86
		42U	2026	600	1000	6467 87
		42U	2026	800	600	6467 88
		42U	2026	800	800	6467 89
		42U	2026	800	1000	6467 90
		47U	2248	800	800	6467 98
		47U	2248	800	1000	6467 99
EXTENSION CABINETS WITH SINGLE GLASS DOOR (see p. 56)						
	Flatpack	42U	2026	800	800	6467 95

 For Linkeo ready assembled cabinets
Contact us on +44 (0) 370 608 9020

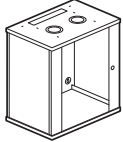
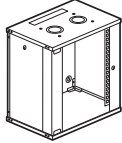
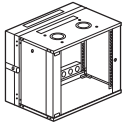
 For Linkeo cabinets with double front
 glass door
Contact us on +44 (0) 370 608 9020


LINKEO 19" CABINETS EQUIPMENT (p. 56-57)

19" UPRIGHTS (p. 56) Anthracite grey RAL 7016	PLINTHS (p. 56) Anthracite grey RAL 7016	FIXED SHELVES (p. 57) Black RAL 9005	TELESCOPIC SHELVES (p. 57) Black RAL 9005	LINKEO 19" CABINETS EQUIPMENT
Cat. Nos.				
6463 40	6464 00	6465 05	6465 08	Linkeo plinths see p. 56 
6463 40	6464 03	6465 06	6465 09	
6463 41	6464 00	6465 05	6465 08	Linkeo fan kits see p. 56 
6463 41	6464 03	6465 06	6465 09	
6463 42	6464 00	6465 05	6465 08	
6463 42	6464 01	6465 06	6465 09	Linkeo fixed shelves - shelf depth 625 mm see p. 57 
6463 42	6464 02	6465 07	6465 10	
6463 42	6464 01	6465 05	6465 08	Linkeo fixed shelves - shelf depth 200 mm see p. 57 
6463 42	6464 03	6465 06	6465 09	
6463 42	6464 04	6465 07	6465 10	
6463 43	6464 03	6465 06	6465 09	Linkeo 19" management panels see p. 57 
6463 43	6464 04	6465 07	6465 10	
6463 42	6464 03	6465 06	6465 09	

connectivity and cabinet selection tables (continued)

configure your system

LINKEO FIXED 19" WALL-MOUNTING CABINETS (p. 58)								
WITH FIXED SIDE PANELS 400 MM AND 600 MM DEPTHS (see p. 58) Anthracite grey RAL 7016	DEPTH (mm)	Assembly	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)		
							Cat. Nos.	
With fixed side panels	450 mm	Ready assembled	6U	358	600	18	6462 00	
			9U	492	600	27	6462 01	
			12U	625	600	36	6462 02	
			15U	758	600	45	6462 03	
			18U	892	600	54	6462 04	
			21U	1035	600	63	6462 05	
		Ready assembled	6U	358	600	18	6462 10	
9U			492	600	27	6462 11		
12U			625	600	36	6462 12		
15U			758	600	45	6462 13		
18U			892	600	54	6462 14		
21U			1035	600	63	6462 15		
With removable side panels	450 mm	Flatpack	6U	358	600	18	6462 50	
			9U	471	600	27	6462 51	
			12U	604	600	36	6462 52	
			15U	738	600	45	6462 53	
			18U	871	600	54	6462 54	
			21U	1004	600	63	6462 55	
		Flatpack	6U	358	600	18	6462 60	
9U			471	600	27	6462 61		
12U			604	600	36	6462 62		
15U			738	600	45	6462 63		
18U			871	600	54	6462 64		
21U			1004	600	63	6462 65		
PIVOTING 19" CABINETS (see p. 58)								
	610 mm	Ready assembled	9U	471	600	27	6462 21	
			12U	604	600	36	6462 22	
			15U	738	600	45	6462 23	
			18U	871	600	54	6462 24	
			21U	1004	600	63	6462 25	

LINKEO 19" CABINETS EQUIPMENT (p. 58)		
19" UPRIGHTS (p. 58) Anthracite grey RAL 7016	FIXED SHELVES (p. 58) Black RAL 9005	LINKEO 19" CABINETS EQUIPMENT (p. 58)
Cat. Nos.		<p>Linkeo fixed shelves see p. 58</p> 
–	6465 01 / 6465 02	
–	6465 01 / 6465 02	
6462 42	6465 01 / 6465 02	
6462 43	6465 01 / 6465 02	
6462 44	6465 01 / 6465 02	
6462 45	6465 01 / 6465 02	
–	6465 01 / 6465 02	
–	6465 01 / 6465 02	
6462 42	6465 01 / 6465 02	
6462 43	6465 01 / 6465 02	
6462 44	6465 01 / 6465 02	
6462 45	6465 01 / 6465 02	
–	6465 01 / 6465 02	
–	6465 01 / 6465 02	
6462 42	6465 01 / 6465 02	
6462 43	6465 01 / 6465 02	
6462 44	6465 01 / 6465 02	
6462 45	6465 01 / 6465 02	
–	6465 01 / 6465 02	
–	6465 01 / 6465 02	
6462 42	6465 01 / 6465 02	
6462 43	6465 01 / 6465 02	
6462 44	6465 01 / 6465 02	
6462 45	6465 01 / 6465 02	
–	6465 01 / 6465 02	
6462 42	6465 01 / 6465 02	
6462 43	6465 01 / 6465 02	
6462 44	6465 01 / 6465 02	
6462 45	6465 01 / 6465 02	

Linkeo 19" freestanding cabinets

cabinets and equipment



6467 64



6464 03



6464 30

Selection chart **p. 52-53**
 Technical characteristics **p. 57, 59-61**

Pack	Cat. Nos.	Linkeo 19" cabinets
		IP 20 – IK 08 baying cabinets Reversible front glass door with screen printing Removable side and rear panels Panels with automatic equipotential connection 4 sides locked with key lock Equipped with 2 x 19" uprights with U marking and adjustable in depth Pre-cut cable entries (top and bottom) To be fitted with brush cable entry Cat. No 6464 28 Cut-out at the top for fan kit Equipped with levelling feet Loading capacity: 400 kg Anthracite grey RAL 7016

Single front glass door

Pack	Cat. Nos.	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	6467 75	24U	1226	600	600
1	6467 76	24U	1226	800	800
1	6467 80	33U	1626	600	600
1	6467 81	33U	1626	800	800
1	6467 85	42U	2026	600	600
1	6467 86	42U	2026	600	800
1	6467 87	42U	2026	600	1000
1	6467 88	42U	2026	800	600
1	6467 89	42U	2026	800	800
1	6467 90	42U	2026	800	1000
1	6467 98	47U	2248	800	800
1	6467 99	47U	2248	800	1000

Extension cabinets with single glass door

No side panels
 Supplied with baying kit

Pack	Cat. Nos.	Capacity	Height (mm)	Width (mm)	Depth (mm)
1	6467 95	42U	2026	800	800

Linkeo baying kits

1	6463 37	For joining 2 Linkeo 19" cabinets
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Linkeo 19" uprights

1	6463 40	Set of 2 additional 19" uprights
1	6463 41	24U
1	6463 42	33U
1	6463 43	42U
1	6463 43	47U

Pack	Cat. Nos.	Linkeo plinths
		Metal plinths consisting of 4 corner blocks and 4 removable traps Height 100 mm Anthracite grey RAL 7016 For cabinets width x depth (mm):
1	6464 00	600 x 600
1	6464 01	600 x 800 or 800 x 600
1	6464 02	600 x 1000
1	6464 03	800 x 800
1	6464 04	800 x 1000

Casters

1	0464 82	Set of 4 pivoting casters, 2 of which have brakes Total loading capacity on the 4 casters: 500 kg
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Linkeo fan kits

		Integrated thermostat, adjustable from - 10 to 80°C 2.5 m cord with 2P+E plug, 230 V~ Anthracite grey RAL 7016
1	6464 30	2 fans
1	6464 31	4 fans

Linkeo cable management

Brush cable entry

1	6464 28	To fit on top or bottom cabinet pre-cut cable entry Set of brushes
---	---------	---

Vertical cable guides

		Side or rear mounting on structure for cable bundles
1	6464 20	For 33U cabinet
1	6464 21	For 42U cabinet
1	6464 22	For 47U cabinet



Cable management rings

		For cabinet width 800 mm Fixes onto 19" uprights Usable dim. - 65 x 145 mm. Black RAL 9005
1	6464 25	Set of 6 metal rings



Vertical cable managers

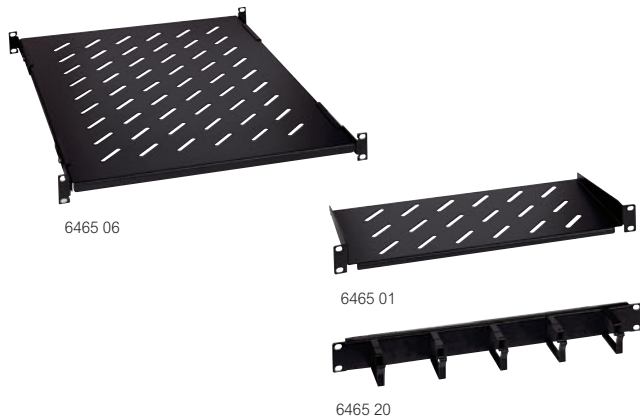
		Set of 2 vertical panels to manage cords at the front side and on the whole height of the cabinet Mounted on the side of 19" uprights Supplied with brush feedthroughs and fingers for cords management every single U
1	6464 26	For 42U 800 mm wide cabinets
1	6464 27	For 47U 800 mm wide cabinets

PDU support

		Vertical support for fixing to the rear side of cabinet For mounting vertically 19" and Zero-U PDU
1	6464 15	For 42U cabinets
1	6464 16	For 47U cabinets

For ready assembled Linkeo 19" freestanding cabinets
Contact us on +44 (0) 370 608 9020

Linkeo 19" freestanding cabinets cabinets and equipment (continued)



Selection chart **p. 52-53**
Technical characteristics **p. 59-61**

Pack Cat.Nos Linkeo fixed shelves

Pack	Cat.Nos	Linkeo fixed shelves	
1	6465 01	Screw fixing on 2 x 19" uprights Height 2U Max. load: 15 kg Shelf depth 200 mm	
	6465 02		Shelf depth 360 mm
1	6465 05	Screw fixing on 4 x 19" uprights Height 1U Max. load: 50 kg Shelf depth 425 For 600 mm deep cabinet	
	6465 06		Shelf depth 625 For 800 mm deep cabinet
	6465 07		Shelf depth 825 For 1000 mm deep cabinet

Pack	Cat.Nos	Linkeo telescopic shelves	
1	6465 08	Screw fixing on 4 x 19" uprights. Height 1U Max. load: 30 kg. Black RAL 9005 Shelf depth 425 For 600 mm deep cabinet	
1	6465 09		Shelf depth 625 For 800 mm deep cabinet
1	6465 10		Shelf depth 825 For 1000 mm deep cabinet

Pack	Cat.Nos	19" management panels
1	6465 20	Fitted with cable guide rings 1U
1	6465 21	2U

Linkeo 19" freestanding cabinets

Flatpack solution

Easy to carry
Easy to store
Easy to handle
Easy to mount:
- 16 minutes / 1 person
- dedicated installation sheet

High protection packaging (stackable)

Note:

- cabinets delivered flatpack are exactly the same as the ready assembled. The only difference is the packaging



Customisation

1 Choose the size

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

2 Choose the color
Anthracite grey (RAL 7016) or light grey (RAL 7035)

3 Choose the openings



Doors
- screen-printed glass
- microperforated metal
- solid metal
in single or double version

4 Choose the equipment to mount at the factory:
- cable managers
- fans
- plinths/casters
- shelves
- copper and fibre patch panels

Linkeo 19" wall-mounting cabinets



6462 62



6462 21

Selection chart p. 54-55
 Technical characteristics p. 62-63

IP 20 - IK 08

Equipped with :

- 1 reversible door made of screen-printed safety glass and with integrated lock
 - 2 x 19" uprights with U marking and adjustable in depth
 - 3 pre-cut cable entries (top, bottom and rear)
 - 1 brush for a cable entry
 - top perforations for natural ventilation
 - panels with automatic grounding (ready assembled version)
 - supplied with earthing kit (flatpack version)
- Anthracite grey RAL 7016

Pack	Cat. Nos.		Linkeo fixed 19" cabinets			
			Fixed side panels			
			Delivered ready assembled			
	Depth 450 mm	Depth 600 mm	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)
1	6462 00	6462 10	6U	358	600	18
1	6462 01	6462 11	9U	492	600	27
1	6462 02	6462 12	12U	625	600	36
1	6462 03	6462 13	15U	758	600	45
1	6462 04	6462 14	18U	892	600	54
1	6462 05	6462 15	21U	1035	600	63
			Removable side panels			
			For easy access at the side of the cabinet			
			Opening with a lock (same key as the door)			
			Delivered flatpack			
	Depth 450 mm	Depth 600 mm	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)
1	6462 50	6462 60	6U	358	600	18
1	6462 51	6462 61	9U	471	600	27
1	6462 52	6462 62	12U	604	600	36
1	6462 53	6462 63	15U	738	600	45
1	6462 54	6462 64	18U	871	600	54
1	6462 55	6462 65	21U	1004	600	63

Pack	Cat. Nos.	Equipment for fixed 19" cabinets (continued)	
		Linkeo fan kit	
1	6462 38	Kit contains : - 2 fans - 1 thermostat - ON/OFF switch Supplied with 2.3 m cable Power supply 230 V~ - 50/60 Hz	
		Linkeo fixed shelves	
		Screw fixing on 2 x 19" uprights	
		Height 2U	
		Max. load: 15 kg	
1	6465 01	Shelf depth 200 mm	
		For cabinets depth 450 and 600 mm	
1	6465 02	Shelf depth 360 mm	
		For cabinets depth 450 and 600 mm	
		19" management panels	
1	6465 20	1U	
1	6465 21	2U	



Pack	Cat. Nos.	Linkeo pivoting 19" cabinets			
		Cabinet composed of :			
		- base (wall fixing), can accept 19" PDU			
		- pivoting body allowing free access to the rear of the cabinet to facilitate installation and maintenance. Reversible pivoting direction. Delivered ready assembled			
	Depth 610 mm	Capacity	Height (mm)	Width (mm)	Loading capacity (kg)
1	6462 21	9U	471	600	27
1	6462 22	12U	604	600	36
1	6462 23	15U	738	600	45
1	6462 24	18U	871	600	54
1	6462 25	21U	1004	600	63

Pack	Cat. Nos.	Equipment for fixed 19" cabinets	
		Linkeo 19" uprights	
		Set of 2 additional 19" uprights	
		To install at the rear of the cabinet	
1	6462 42	12U	
1	6462 43	15U	
1	6462 44	18U	
1	6462 45	21U	
		Castors	
1	6462 48	Set of 4 caster wheels for assembly on cabinets	

Linkeo 19" freestanding cabinets

technical information

General characteristics

Metallic extendable freestanding cabinets
 RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching
 Reversible glass door with screen-printing
 Protection index (weatherproof) against solid objects and liquids: IP 20
 Protection index against mechanical impacts: IK 08
 Perforations in 19" uprights: 9.5 x 9.5 mm
 Permissible load: 400 kg

Compliance with standards

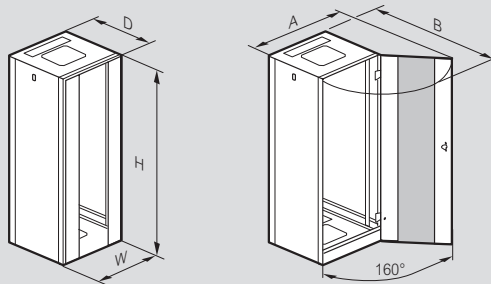
Linkeo cabinets comply with the following standards:

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) Degrees of protection provided by enclosures for 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-E	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-E-2005)
IEC 60297-3-100 DIN 41414-7	(NF C 20-150, NF C 20-151) Dimensions of mechanical structures of the 482.6 mm (19 in) series

Linkeo cabinets can be integrated in 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
IEC 60364-4-41	Low voltage electrical installations - Protection for safety - Protection against electric shock

Dimensions (mm)



Cabinets with single front door

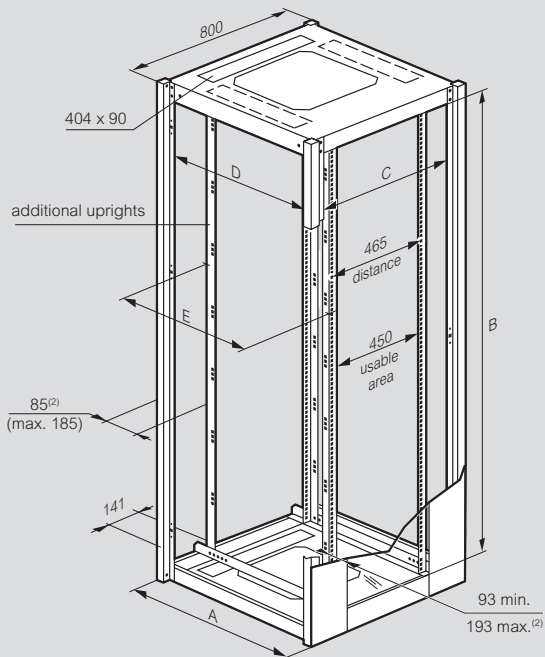
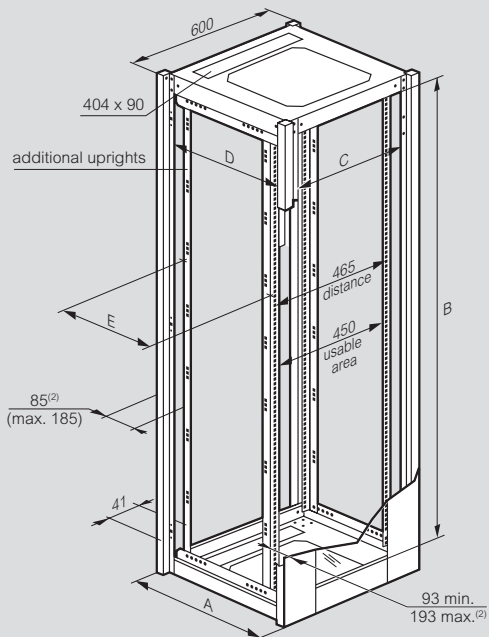
Cabinet dimensions	Overall dimensions				
	H ⁽¹⁾	W	D	A	B
24U 600 x 600	1226	610	630	1138	1210
24U 800 x 800		810	830	1525	1610
33U 600 x 600	1626	610	630	1138	1210
33U 800 x 800		810	830	1525	1610
42U 600 x 600	2026	610	630	1138	1210
42U 600 x 800		610	830	1138	1410
42U 600 x 1000		610	1030	1138	1610
42U 800 x 600		810	630	1525	1410
42U 800 x 800		810	830	1525	1610
42U 800 x 1000		810	1030	1525	1810
47U 800 x 800		2248	810	830	1525
47U 800 x 1000	810		1030	1525	1810

(1) Without adjustment levelling feet (+19 to 39 mm with feet)

Linkeo 19" freestanding cabinets (continued)

technical information

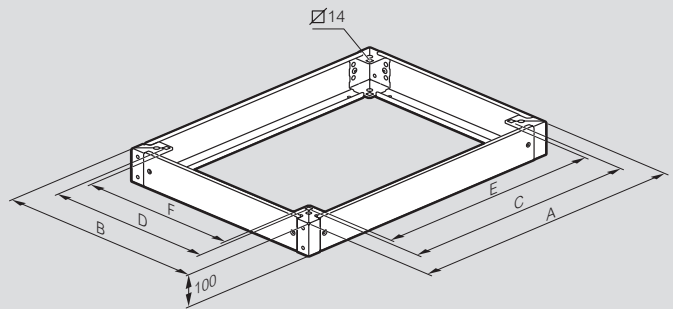
Usable dimensions (mm)



Cabinet dimensions	A ⁽¹⁾	Usable area			E	Glass window Door
		B	C	D		
24U 600 x 600	630	1081	490	490	425	1073 x 360
24U 800 x 800	830		690	690	625	1073 x 450
33U 600 x 600	630	1481	490	490	425	1473 x 360
33U 800 x 800	830		690	690	625	1473 x 450
42U 600 x 600	630	1881	490	490	425	1873 x 360
42U 600 x 800	830			690	625	
42U 600 x 1000	1030		890	825		
42U 800 x 600	630		490	425	1873 x 450	
42U 800 x 800	830	690	625			
42U 800 x 1000	1030	890	825			
47U 800 x 800	830	2103	690	690	625	2095 x 450
47U 800 x 1000	1030		690	890	825	2095 x 450

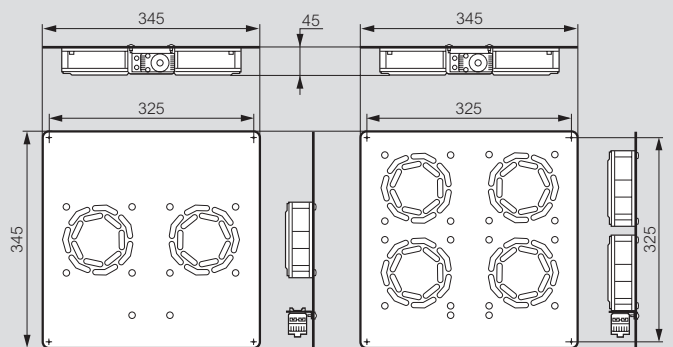
(1) Overall dimensions
(2) Can be adjusted in 25 mm steps

Plinths for Linkeo cabinets (mm)



Cabinet dimensions Width x Depth	Overall		Fixing		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
600 x 1000	799	599	678	478	649	449
800 x 600	799	799	678	678	649	649
800 x 800	599	999	478	878	449	849
800 x 1000	799	999	678	878	649	849

Linkeo fan kits (mm)

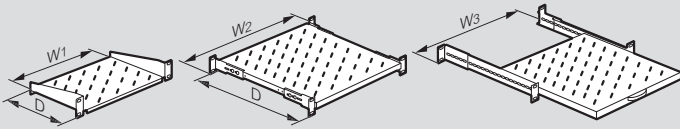


All dimensions (mm) are nominal

Linkeo 19" freestanding cabinets (continued)

technical information

Linkeo shelves (mm)

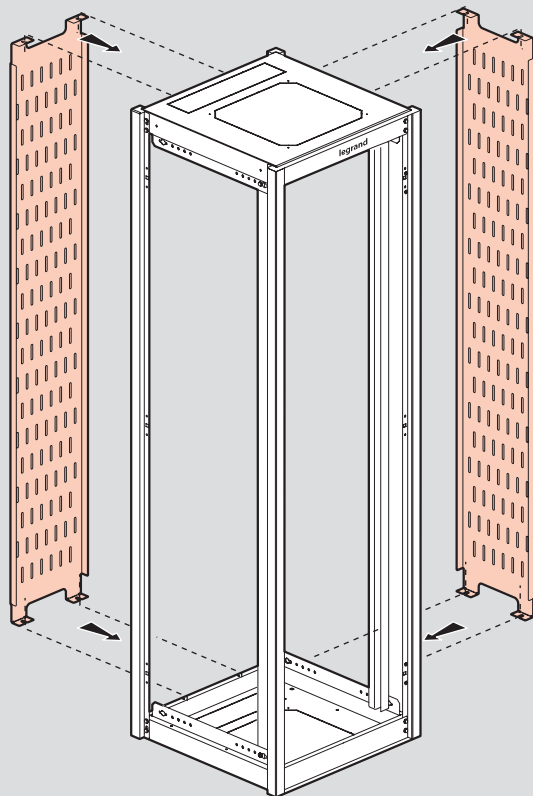


Cat. Nos.	D	Usable width		
		W1	W2	W3
6465 01	200	435		
6465 02	360	435		
6465 05	425		440	
6465 06	625		440	
6465 07	825		440	
6465 08	425			410
6465 09	625			410
6465 10	825			410

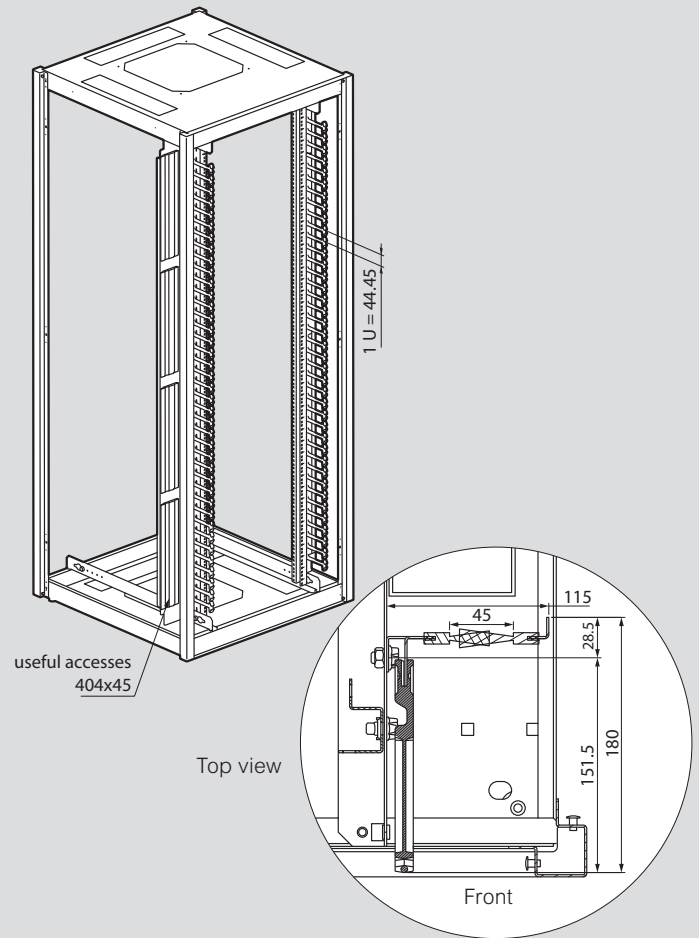
Linkeo vertical cable guides

33U guide: 1486 x 300 x 25 mm
 42U guide: 1886 x 300 x 25 mm
 47U guide: 2105 x 300 x 25 mm

Side mounting



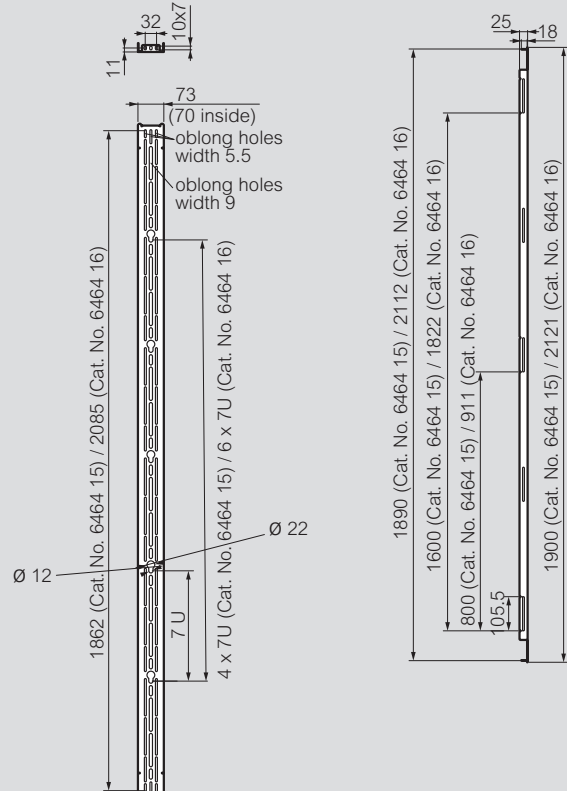
Vertical cable managers Cat. Nos. 6464 26/27



PDU supports (mm) Cat. Nos. 6464 15/16

Front view

Side view



All dimensions (mm) are nominal

Linkeo 19" wall-mounting cabinets

technical information

General characteristics

Metal wall-mounting cabinets
 RAL 7016 textured polyester coating providing excellent resistance to corrosion and scratching
 Safety glass door
 Protection index (weatherproof) against solid objects and liquids: IP 20
 Protection index against mechanical shocks: IK 08
 Perforations in 19" uprights: 9.5 x 9.5 mm
 Permissible load: 3 kg/U

Compliance with standards

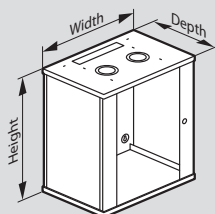
Linkeo cabinets comply with the following standards:

IEC 60529 / EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 / EN 62262	(EN 50102, NF C 20-015) Degrees of protection provided by enclosures for 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-E	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-D-2005)
IEC 60297-3-100 DIN 41414-7	(NF C 20-150, NF C 20-151) Dimensions of mechanical structures of the 482.6 mm (19 in) series

Linkeo cabinets can be integrated in 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
UTE C90-483	Residential cabling for communication networks
IEC 60364-4-41	Low voltage electrical installations - Protection for safety - Protection against electric shock

Dimensions (mm)



		Cat. Nos.	Capacity	Height (mm)	Width (mm)	Depth (mm)
19" cabinet	fixed side panels	6462 00	6U	358	600	450
		6462 01	9U	492	600	450
		6462 02	12U	625	600	450
		6462 03	15U	758	600	450
		6462 04	18U	892	600	450
		6462 05	21U	1035	600	450
		6462 10	6U	358	600	600
		6462 11	9U	492	600	600
		6462 12	12U	625	600	600
		6462 13	15U	758	600	600
	6462 14	18U	892	600	600	
	6462 15	21U	1035	600	600	
	removable side panels	6462 50	6U	338	600	450
		6462 51	9U	471	600	450
		6462 52	12U	604	600	450
		6462 53	15U	738	600	450
		6462 54	18U	871	600	450
		6462 55	21U	1004	600	450
		6462 60	6U	338	600	600
		6462 61	9U	471	600	600
6462 62		12U	604	600	600	
6462 63		15U	738	600	600	
19" pivoting cabinets	6462 21	9U	471	600	610	
	6462 22	12U	604	600	610	
	6462 23	15U	738	600	610	
	6462 24	18U	871	600	610	
	6462 25	21U	1004	600	610	

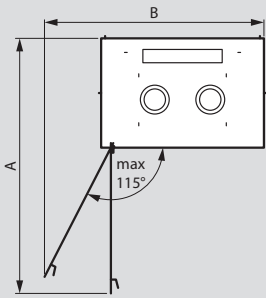
All dimensions (mm) are nominal

Linkeo 19" wall-mounting cabinets (continued)

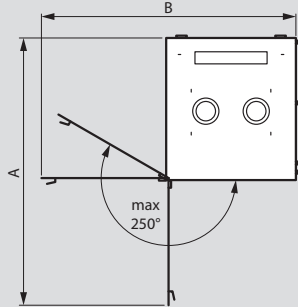
technical information

Door opening (mm)

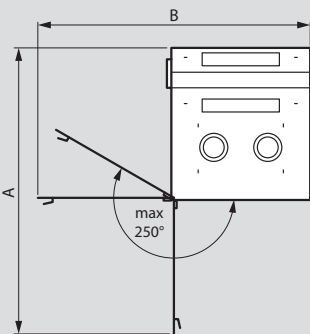
19" cabinets with fixed side panels Cat. Nos. 6462 00/.../15



19" cabinets with removable side panels Cat. Nos. 6462 50/.../65

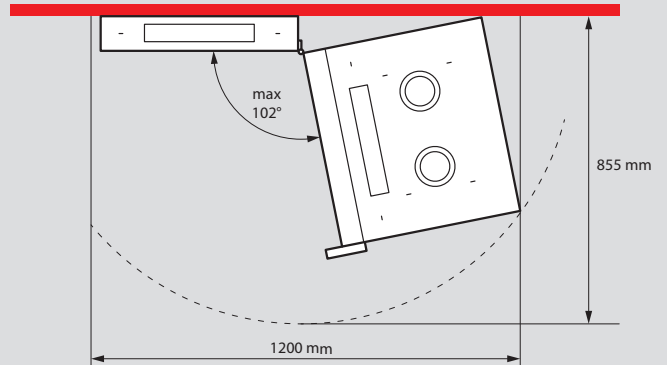


19" pivoting cabinets Cat. Nos. 6462 21/.../25

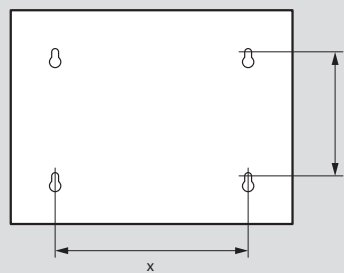


	Cat. Nos.	Capacity	A (mm)	B (mm)			
19" cabinet	fixed side panels	6462 00	6U	930	795		
		6462 01	9U	930	795		
		6462 02	12U	930	795		
		6462 03	15U	930	795		
		6462 04	18U	930	795		
		6462 05	21U	930	795		
		6462 10	6U	1130	795		
		6462 11	9U	1130	795		
		6462 12	12U	1130	795		
		6462 13	15U	1130	795		
		6462 14	18U	1130	795		
		6462 15	21U	1130	795		
		19" cabinet	removable side panels	6462 50	6U	985	1080
				6462 51	9U	985	1080
				6462 52	12U	985	1080
6462 53	15U			985	1080		
6462 54	18U			985	1080		
6462 55	21U			985	1080		
6462 60	6U			1135	1080		
6462 61	9U			1135	1080		
6462 62	12U			1135	1080		
6462 63	15U			1135	1080		
19" pivoting cabinets		6462 21	9U	1140	1080		
		6462 22	12U	1140	1080		
		6462 23	15U	1140	1080		
		6462 24	18U	1140	1080		
		6462 25	21U	1140	1080		

Pivoting base opening

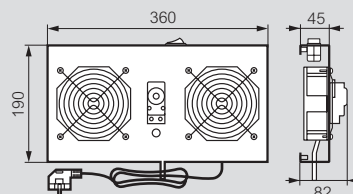


Fixing (mm)



	Cat. Nos.	Capacity	X (mm)	Y (mm)		
19" cabinet	fixed side panels	6462 00	6U	400	197	
		6462 01	9U	400	300	
		6462 02	12U	400	464	
		6462 03	15U	400	597	
		6462 04	18U	400	730	
		6462 05	21U	400	864	
		6462 10	6U	400	197	
		6462 11	9U	400	330	
		6462 12	12U	400	464	
		6462 13	15U	400	597	
		6462 14	18U	400	730	
		6462 15	21U	400	864	
		removable side panels	6462 50	6U	411	149
			6462 51	9U	411	282
			6462 52	12U	411	415
	6462 53		15U	411	549	
	6462 54		18U	411	682	
	6462 55		21U	411	815	
	6462 60		6U	411	149	
	6462 61		9U	411	282	
	6462 62		12U	411	415	
	6462 63		15U	411	549	
	19" pivoting cabinets		6462 21	9U	350	368
			6462 22	12U	350	501
			6462 23	15U	350	635
6462 24			18U	350	768	
6462 25			21U	350	901	

Fan kit (mm)



All dimensions (mm) are nominal

PDU_s

Solutions for any configuration

This new PDU offer combines Legrand's quality and innovation with a wide range of applications. A standalone solution, this range integrates seamlessly into any installation and ensures compliance with applicable standards.

ZERO-U PDU_s



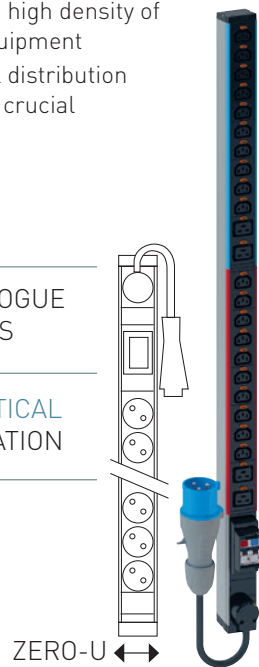
FOR DATA CENTRES/ SERVER ROOMS

Used in server cabinets where:

- there is a high density of active equipment
- electrical distribution quality is crucial

12 CATALOGUE
NUMBERS

FOR VERTICAL
INSTALLATION



19" 1U PDU_s



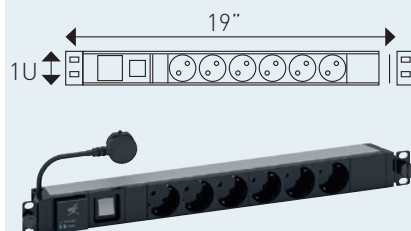
FOR DATA CENTRES/ SERVER ROOMS AND COMPUTER ROOMS

Used in server and cabling cabinets where:

- there is a low density of active equipment to be powered
- ease of installation is an advantage

26 CATALOGUE NUMBERS

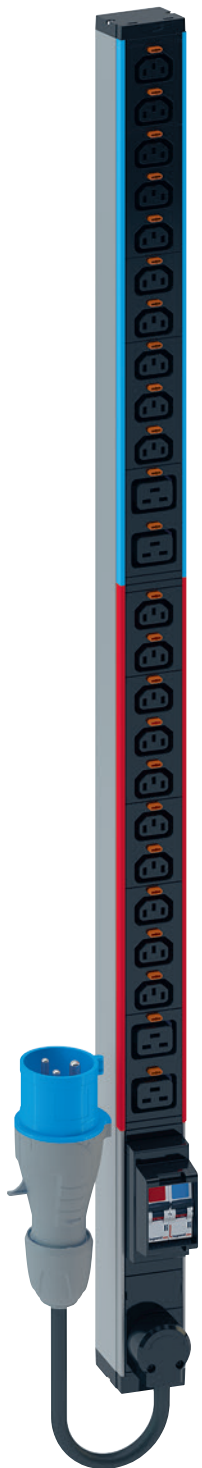
FOR VERTICAL OR
HORIZONTAL INSTALLATION



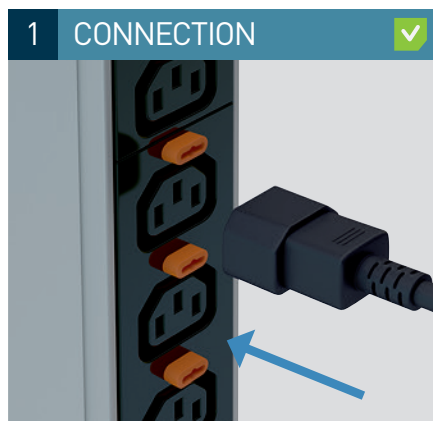
Cord locking system

Innovation at the heart of PDUs

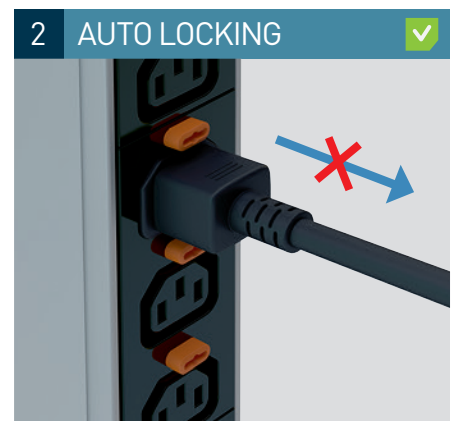
A major addition to the range and exclusive to Legrand, C13 and C19 outlets have a power supply cord locking system which prevents accidental disconnection and guarantees absolute safety.



AN INNOVATIVE TECHNICAL SOLUTION



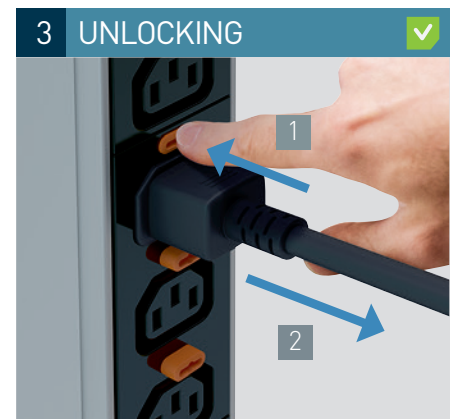
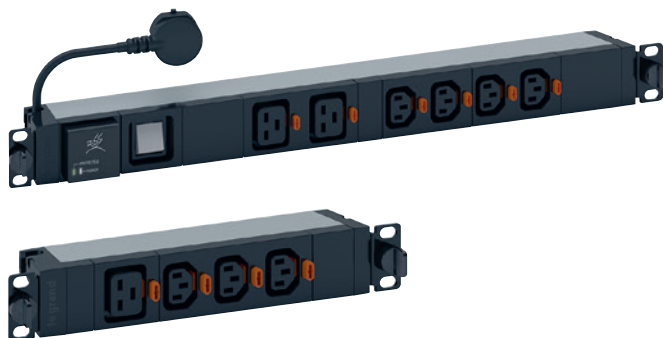
CORD CONNECTION
The cord is connected to the outlet in one smooth action



CORD HELD IN PLACE
Once the power supply cord is connected, it locks automatically and cannot be removed



CORD LOCKING SYSTEM
Very easy to identify thanks to the orange buttons next to each outlet



EASY REMOVAL
Simply pressing the unlock button releases the cord from the outlet

✓ EXCLUSIVE TO LEGRAND

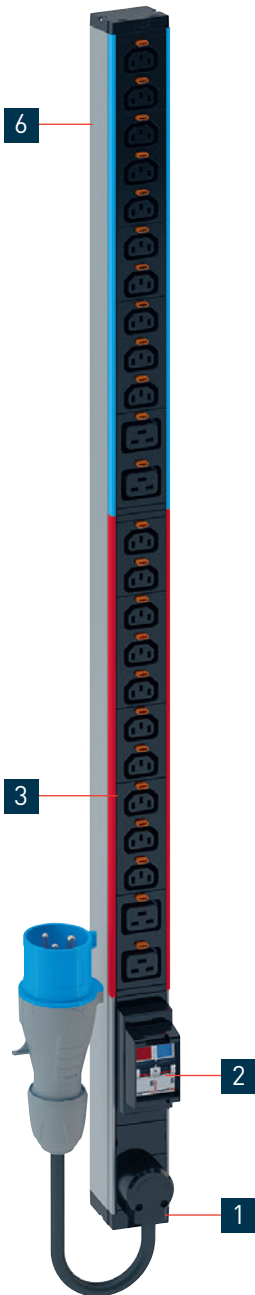
ZERO-U PDUs

Innovation & performance

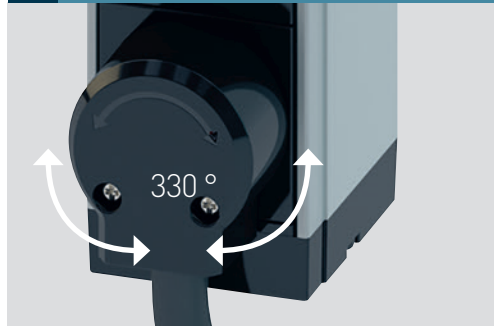
VERTICAL
INSTALLATION



Legrand's innovations, which include safety features, simplified setup and integration, and consumption indicators, help ensure optimum performance for the Zero-U range of PDUs.

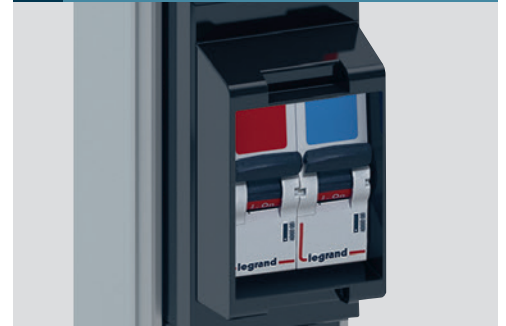


1 CABLE ENTRY



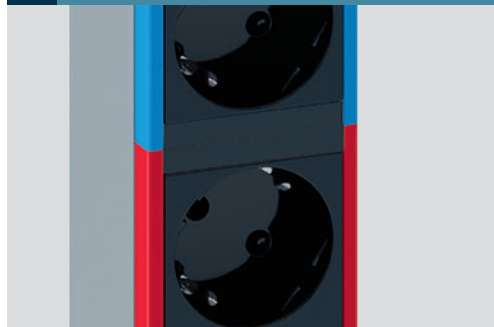
CABLE ORIENTATION
330° rotating cable entry for perfect cable orientation without needing to access the cabinet.

2 MCB HOLDER



ENHANCED PROTECTION
Holder with projecting edges to avoid unintended operation (a cover can be added on request).

3 IDENTIFICATION



COLOUR-CODED CIRCUITS
Each circuit is colour-coded, with the colour clearly visible on the front panel and along the edges of a module. The colour corresponds to the specific MCB protecting the circuit.

4 AMMETER



CONSUMPTION INDICATOR
Consumption is measured to ensure better installation management:

- Balancing circuits
- Display of available capacity
- Power features and overload prevention



5 POWER SUPPLY

There are multiple solutions depending on power supply requirements

16/32 A single-phase

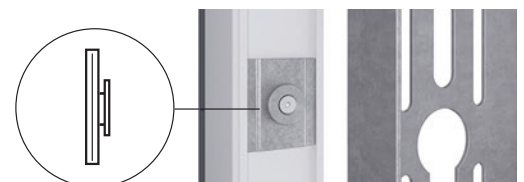


16/32 A three-phase



6 SCREWLESS MOUNTING

Zero-U PDUs simply clip vertically into slots on the mounting frame without the need for screws.

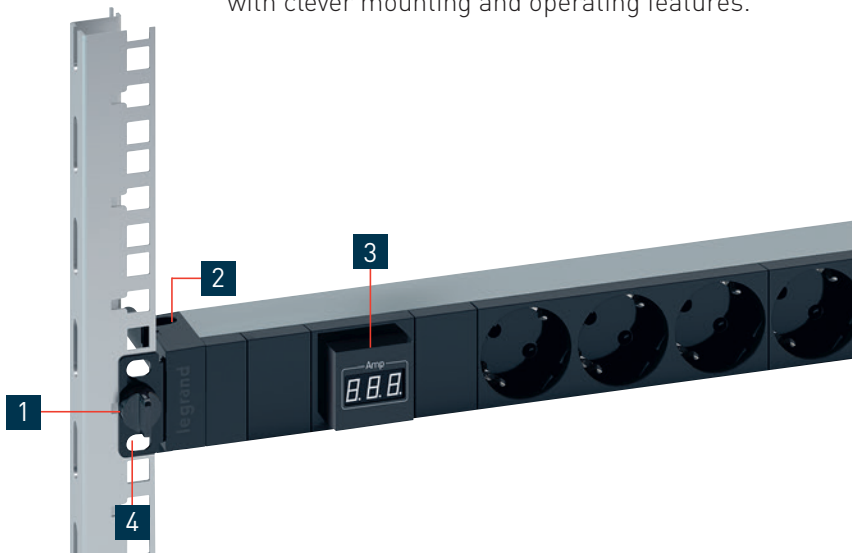


1U PDUs

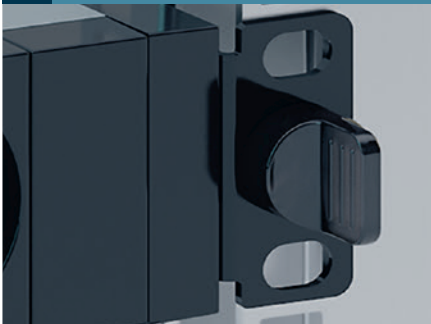
Innovation & convenience

19" PDUs are designed for installation in server and cabling cabinets and incorporate the latest innovations for facilitating integration and maintenance, with clever mounting and operating features.

HORIZONTAL
OR VERTICAL
INSTALLATION



1 QUICK FIXING



TOOLLESS INSTALLATION

Quick, toolless fixing on the 19" uprights. No screws or nuts required.

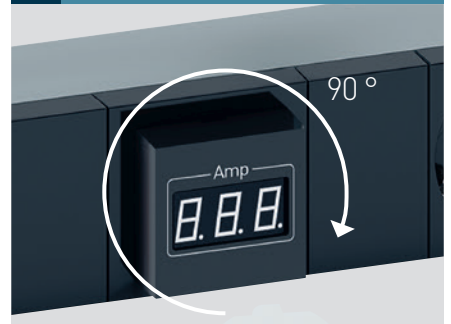
2 CABLE GUIDE



OPTIMISED SPACE

Cables are held firmly in place by a cable guide.

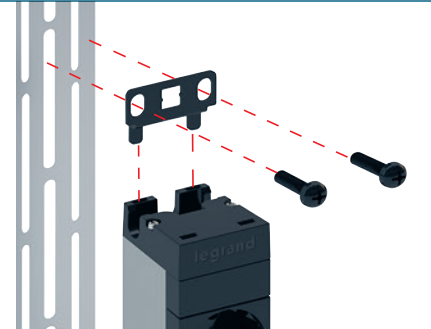
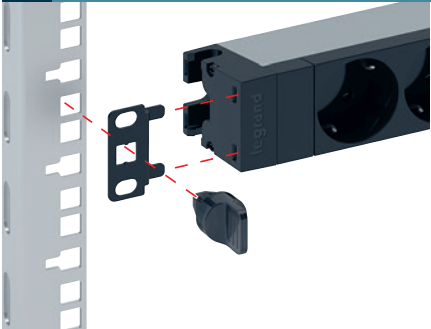
3 AMMETER



CHANGE OF POSITION

The ammeter can be rotated 90° to ensure easy reading regardless of mounting position (horizontal or vertical).

4 MOUNTING SUPPORTS



HORIZONTAL OR VERTICAL



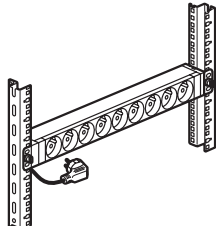
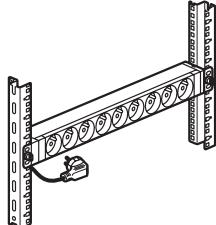
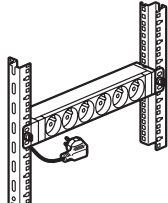
Designed for horizontal toolless mounting, 1U PDUs can also be mounted vertically simply by rotating the mounting brackets. Vertical mounting requires a bolt and nut to fix the PDU firmly to the upright.

EXCLUSIVE TO LEGRAND



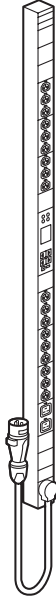
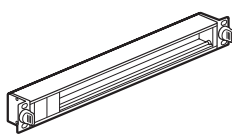

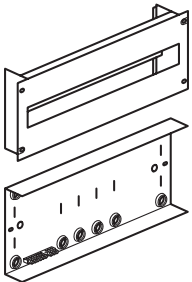
connectivity and Power Distribution Units selection tables

configure your system

LCS ³ SINGLE PHASE ZERO-U VERTICAL PDUs (p. 70)			Connection on 6 mm ² terminal block	3m power supply cord with 32 A 2P+E plug
	24 outlets	British Standard	-	6468 54
		24 C13 - IEC 60320	6468 56	6468 57
		20 C13 + 4 C19 - IEC 60320	6468 60	6468 61
		20 C13 + 4 C19 - IEC 60320	6468 65 with ammeter	-
LCS ³ ZERO-U 3 PHASE VERTICAL PDUs (p. 71)			Connection on 6 mm ² terminal block	3m power supply cord with 32 A 3P+E plug
	24 outlets	18 C13 + 6 C19 - IEC 60320	-	6468 70
		18 C13 + 6 C19 - IEC 60320	-	6468 75 with ammeter
LCS ³ 1U 19" SINGLE PHASE PDUs (p. 72)			Connection on 6 mm ² terminal block	3m power supply cord
	8 outlets	British Standard	-	6468 13 with 13 A 2P+E plug
	10 outlets	10 C13 - IEC 60320	6468 14	-
	12 outlets	12 C13 - IEC 60320	-	6468 15 with 16 A 2P+E plug
	8 outlets	6 C13 and 2 C19 - IEC 60320	6468 09	-
	6 outlets	6 C19 - IEC 60320	6468 07	-
LCS ³ 1U 19" SINGLE PHASE PDU - WITH POWER INDICATOR / LUMINOUS SWITCH (p. 72)			Power Indicator / Luminous switch 3m power supply cord with 13 A 2P+E plug	
	6 outlets	British Standard	6468 24	
LCS ³ 1U 19" SINGLE PHASE COMBINED PDUs (p. 73)			With Ammeter	
	6 outlets	6 C13 - On terminal block	6468 43	
	7 outlets	6 C13 + 1 C19 - on terminal block	6468 45	
	6 outlets	6 C19 - on terminal block	6468 44	

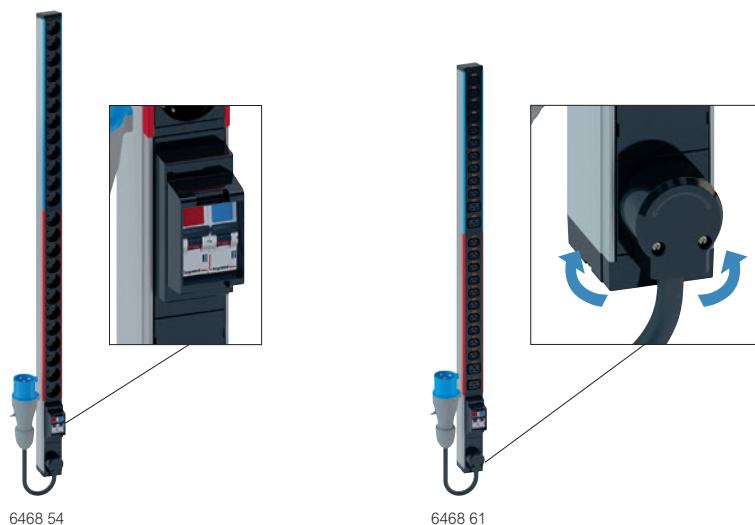
connectivity and Power Distribution Units selection tables (continued)

configure your system

LCS ³ METERED PDUs (p. 73)			19" - metered with 3m power supply cord	Vertical Zero-U - metered 3m power supply cord
	12 outlets	C13 IEC60320	6460 10 with C20 plug	–
	16 outlets	12 C13 + 4 C19 - IEC60320	6460 11 with 32 A 2P+E plug	–
	16 outlets	12 C13 + 4 C19 - IEC60320	–	6460 12 with 32 A 2P+E plug
	42 outlets	36 C13 + 6 C19 - IEC60320	–	6460 13 with 32 A 2P+E plug
	42 outlets	36 C13 + 6 C19 - 3 phase IEC60320	–	6460 14 with 16 A 3P+N+E plug
	42 outlets	30 C13 + 12 C19 - 3 phase IEC60320	–	6460 15 with 32 A 3P+N+E plug
SENSORS FOR METERED PDUs (p. 73)				
	Temperature sensor			6460 00
	Temperature / humidity sensor			6460 01
	Dual contact closure sensor			6460 02
PDU TO BE EQUIPPED (p. 74)				
	PDU 19" - capacity: 16 Arteor modules			6468 99
PDU ACCESSORIES (p. 74)				
	Locking caps	Set of 6 locking caps for British standard outlet + 1 key		6468 92
		Set of 6 locking caps for C13 standard outlet + 1 key		6468 94
		Set of 6 locking caps for C19 standard outlet + 1 key		6468 95
	Surge protection module	Surge protection replacement module		6468 97
	Multi-applications DIN rail	DIN profile rail with front panel		0465 46
		Rear cover		0465 47

Legrand cabling system LCS³ energy distribution

single phase Zero-U vertical Power Distribution Units



Selection chart **p. 68**
 Technical characteristics **p. 75-77**

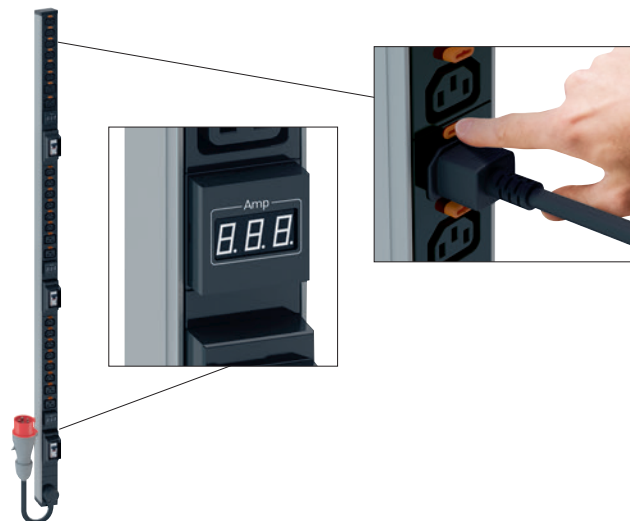
To provide ~ electric power for IT equipment in 19" enclosures
 Single phase Zero-U PDU for vertical mounting in the cabinet
 230 V - 50/60 Hz power supply
 PDU with 2 circuits protected by 16 A uni+neutral MCB in a support with projecting edges to avoid accidental breakdown
 Each circuit is identified by color coding
 Total number of outlets is distributed equally between the 2 circuits
 2P+E outlets:
 - C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)
 British standard outlets are equipped with blanks
 330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet
 Delivered with 2 sets of metallic mounting brackets:
 - Button brackets, for quick fixing and variable pitch
 - Standard brackets, for screw fixing
 Black modules (outlets and functions). Aluminium profile

Pack	Cat. Nos.	Standard single phase PDUs
1	6468 54	British standard 24 outlets Connection on terminal block up to 6 mm ²
1	6468 56	IEC 60320 standard 24 C13 outlets with cord locking system Connection on terminal block up to 6 mm ²
1	6468 57	24 C13 outlets with cord locking system 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6468 60	20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm ²
1	6468 61	20 C13 outlets + 4 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 32 A 2P+E plug

Pack	Cat. Nos.	Single phase PDU with ammeter
1	6468 65	IEC 60320 standard 20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm ²

Legrand cabling system LCS³ energy distribution

three phase Zero-U vertical Power Distribution Units



6468 75

Selection chart **p. 68**
 Technical characteristics **p. 75-77**

To provide ~ electric power for IT equipments in 19" enclosures
 Three phase Zero-U PDUs for vertical mounting in the cabinet

380 V - 50/60 Hz power supply

Each circuit is protected by 16 A single pole MCB in a support with projecting edges to avoid accidental breakdown

1 circuit per phase, each with 6 IEC 60320 C13 outlets and 2 IEC 60320 C19 outlets

330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet

C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all

the cords (C14 plugs for C13 and C20 plugs for C19)

British standard outlets are equipped with blanks

Delivered with 2 sets of metallic mounting brackets:

- Button brackets, for quick fixing and variable pitch

- Standard brackets, for screw fixing

Black modules (outlets and functions). Aluminium profile

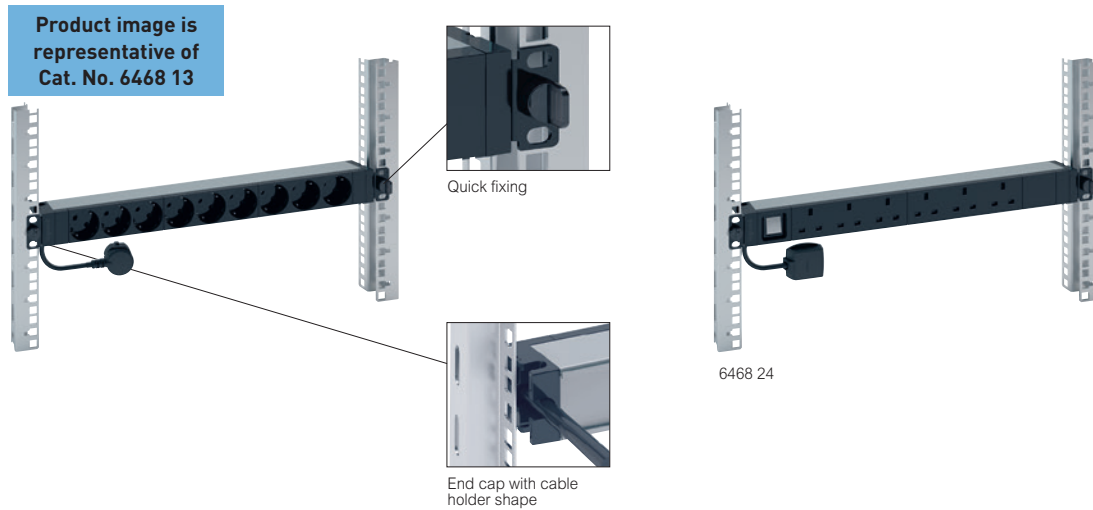
Pack	Cat. Nos.	Standard 3 phase PDU
1	 6468 70	IEC 60320 standard 18 C13 outlets + 6 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 32 A 3P+N+E plug
		3 phase PDU with ammeter Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures 1 ammeter per circuit Rotating display to ensure correct orientation whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)
1	 6468 75	IEC 60320 standard 18 C13 outlets + 6 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 32 A 3P+N+E plug



AN INNOVATIVE TECHNICAL SOLUTION: CORD LOCKING SYSTEM
 Very easy to identify thanks to the orange buttons next to each outlet

Legrand cabling system LCS³ energy distribution

1U 19" Power Distribution Units



Selection chart **p. 68**
 Technical characteristics **p. 75-77**

To provide ~ electric power for IT equipment in enclosures
 230 V - 50/60 Hz power supply

1U aluminium profile. End cap with metallic brackets and cable holder shape. Quick fixing (no screws) on 19" fixing centres
 Can also be installed vertically by reverting the brackets (no screws)

2P+E outlets:

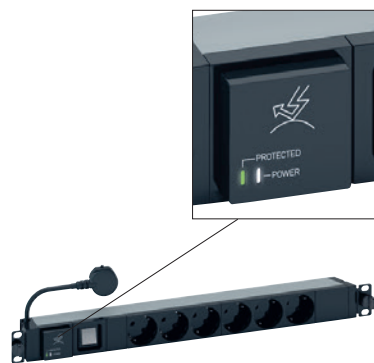
- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)
- British standard outlets are equipped with blanks

Black modules (outlets and functions). Aluminium profile

Pack	Cat. Nos.	19" - PDU standard
1	6468 13	British standard 3 m power supply cord with 13 A 2P+E British plug 8 outlets
		IEC 60320 standard Connection on terminal block (except Cat. No. 6468 15)
1	6468 14	10 C13 outlets with cord locking system
1	6468 15	12 C13 outlets with cord locking system
1	6468 09	3 m power supply cord with 16 A IEC 60309 2P+E British plug
1	6468 07	6 C13 outlets + 2 C19 outlets with cord locking system
1	6468 07	6 C19 outlets with cord locking system

Pack	Cat. Nos.	19" - PDU with power indicator / luminous switch
1	6468 24	British standard LED indicator gives information whether the PDU is supplied with power or not LED indicator switch powers on/off all PDU outlets
		British standard 3 m power supply cord with 13 A 2P+E British plug 6 outlets and 1 luminous switch

Legrand cabling system LCS³ energy distribution – 1U 19" single phase combined PDUs



Product image is representative of Cat. No. 6468 43

Selection chart p. 68
Technical characteristics p. 75-77

To provide ~ electric power for IT equipment in enclosures 230 V - 50/60 Hz power supply 1U aluminium profile. End cap with metallic brackets and cable holder shape. Quick fixing (no screws) on 19" fixing centres Can also be installed vertically by reverting the brackets (no screws) 2P+E outlets:
- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)
- British standard outlets are equipped with blanks
Black modules (outlets and functions). Aluminium profile

Pack	Cat. Nos.	19" - PDU with ammeter
		Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures Measure total PDU current Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)
		IEC 60320 standard With integrated universal plug locking system Connection on terminal block
1	6468 43	6 C13 outlets with cord locking system
1	6468 45	6 C13 outlets + 1 C19 outlet with cord locking system
1	6468 44	6 C19 outlets with cord locking system

Legrand cabling system LCS³ energy distribution – metered Power Distribution Units



Product image is representative of Cat. No. 6460 12

Selection chart p. 69
Technical characteristics p. 75-77

Power distribution units with metering at inlet level and circuit breaker level
Possibility of environmental monitoring through one of the optional external sensors (temperature, humidity...)

Pack	Cat. Nos.	19" - metered PDUs
		IEC 60320 standard
1	6460 10	12 C13 outlets with 3 m power supply cord with C20 plug
1	6460 11	12 C13 and 4 C19 outlets with 3 m power supply cord with IEC60309 32 A 2P+E plug
		Vertical Zero-U - metered PDUs
		IEC 60320 standard
1	6460 12	12 C13 and 4 C19 outlets with 3 m power supply cord with IEC60309 32 A 2P+E plug
1	6460 13	36 C13 and 6 C19 outlets with 3 m power supply cord with IEC60309 32 A 2P+E plug
1	6460 14	36 C13 and 6 C19 outlets with 3 m power supply cord with 3 phase IEC60309 16 A 3P+N+E plug
1	6460 15	30 C13 and 12 C19 outlets with 3 m power supply cord with 3 phase IEC60309 32 A 3P+N+E plug
		Sensors for metered PDUs
1	6460 00	Temperature sensor
1	6460 01	Temperature / humidity sensor
1	6460 02	Dual contact closure sensor

Metered Power Distribution Units available soon
Contact us on +44 (0) 370 608 9020

Legrand cabling system LCS³ energy distribution

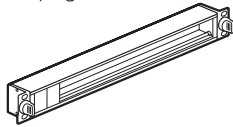
accessories for Power Distribution Units



0465 46 + 0465 47

Selection chart **p. 69**
 Technical characteristics **p. 75-77**

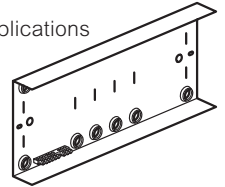
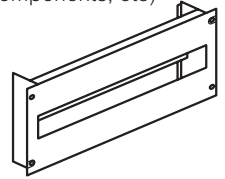
Pack	Cat. Nos.	PDU to be equipped
1	6468 99	For self assembly with Arteor wiring device modules Quick fixing (no screws) on 19" uprights Aluminium profile PDU 19" Capacity: 16 Arteor modules



Pack	Cat. Nos.	PDU accessories
1	6468 92	Locking caps To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey Set of 6 locking caps for British standard outlet + 1 key
1	6468 94	Set of 6 locking caps for C13 standard outlet + 1 key
1	6468 95	Set of 6 locking caps for C19 standard outlet + 1 key
1	6468 97	Surge protection module To replace used module on PDU With light indicators: - one LED (white) gives information whether the PDU is supplied with power or not - one LED (green) indicates when surge protection module is efficient or must be replaced Hotswappable: replacement keeping the PDU and its outlets powered on Surge protection replacement module



Pack	Cat. Nos.	Multi-applications DIN rail
1	0465 46	For mounting modular devices (circuit breakers, Legrand multimedia network components, etc) Capacity: 24 modules Height 4 U Screw fixing on 19" uprights DIN profile rail with front panel Supplied with blanking plates 24 modules Black RAL 9005
1	0465 47	Rear cover To be used for high current applications (greater than 50 V) Used with Cat. No. 0465 46 Ensures IP XXB Supplied with terminal block (8 + 1 connections)

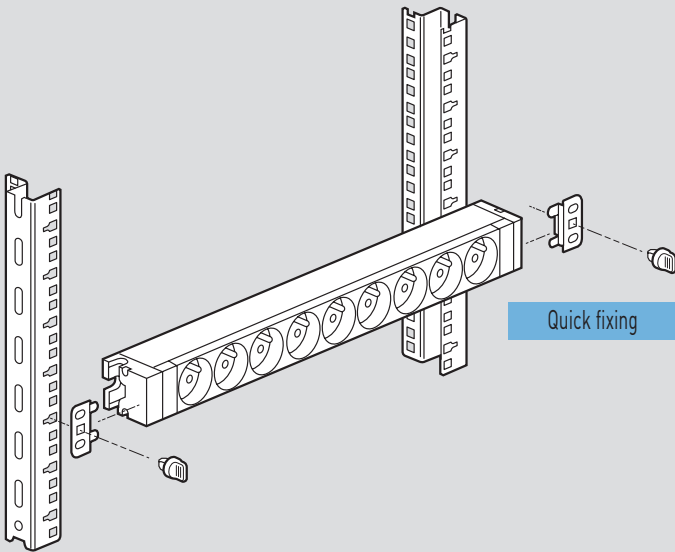


Legrand cabling system LCS³ energy distribution

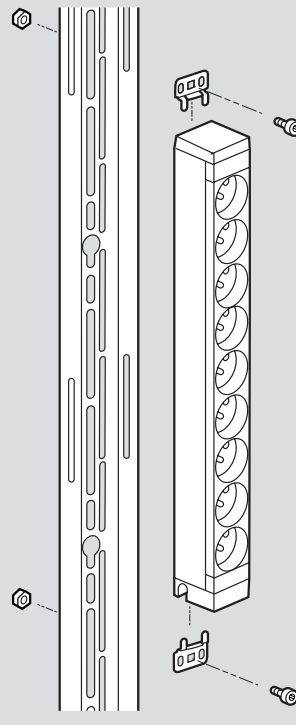
19" 1U Power Distribution Units mounting – technical information

Horizontal mounting in Legrand 19" cabinets

Can be mounted in all Legrand 19" cabinets



Vertical mounting in freestanding cabinets with support



19" 1U PDU configurations

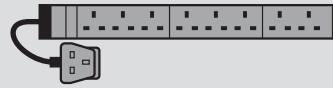
6468 07



6468 09



6468 13



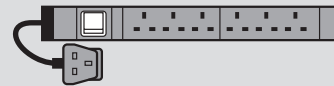
6468 14



6468 15



6468 24



6468 43



6468 44



6468 45

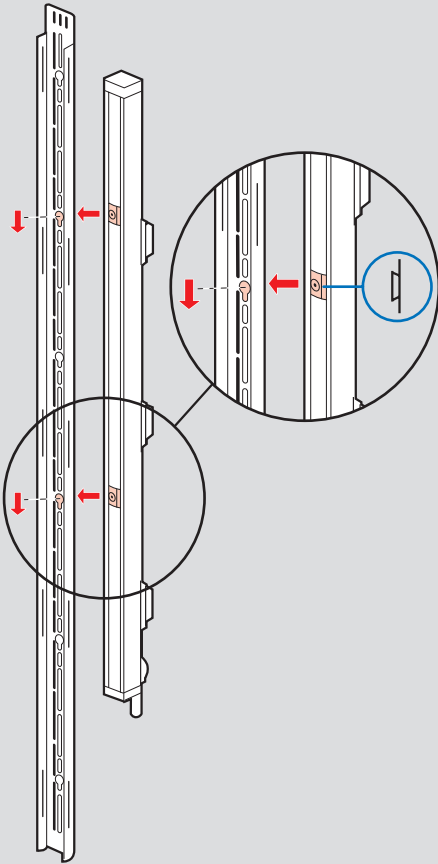


Legrand cabling system LCS³ energy distribution

Zero-U Power Distribution Units – technical information (continued)

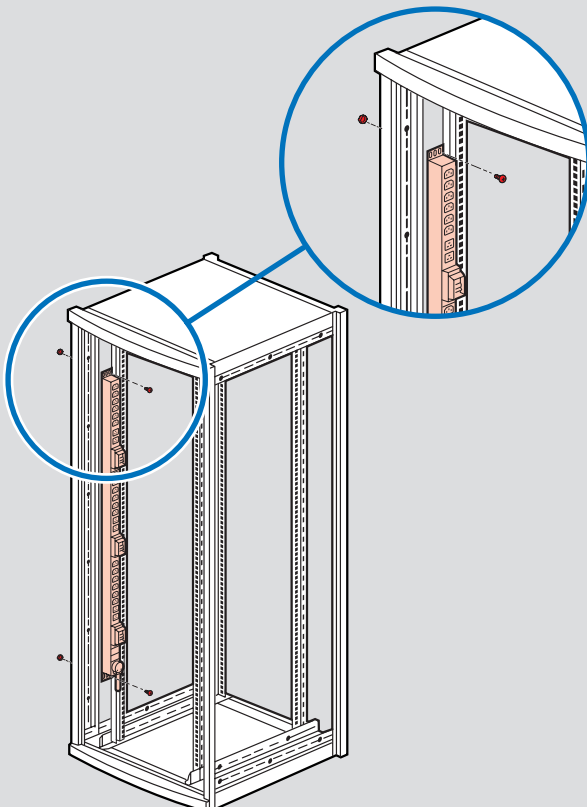
■ Solution with button brackets

Quick fixing without screws with support



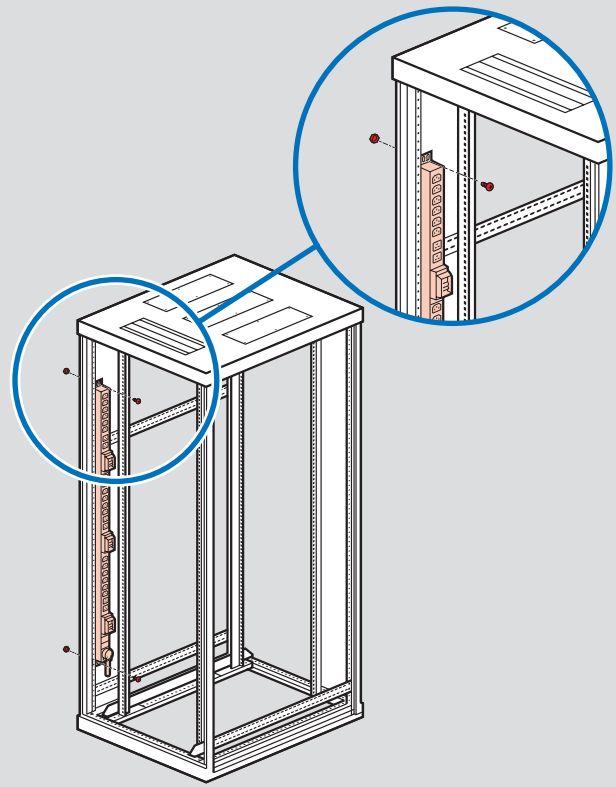
■ Solution with standard brackets

Screw fixing with support



■ Solution with LCS³ brackets

Screw fixing with support



All dimensions (mm) are nominal

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Protection classifications

Protection against solid bodies and liquids : Index of protection - IP xx

Degree of protection of enclosures of electrical equipment in accordance with standards IEC 60529, BS EN 60529
Up to 1 000 V \sim and 1 500 V \sim

1 st digit: protection against solid bodies		Additional letter IP XX (ABCD): protection against direct contact resulting from the access to hazardous current-carrying parts		2 nd digit: protection against liquids			
IP	tests	IP	tests	protection	IP	tests	protection
0	No protection				0		No protection
1	Protected against solid bodies larger than 50 mm	A	The back of the hand remains remote from dangerous parts	1	Protected against vertically-falling drops of water (condensation)		
2	Protected against solid bodies larger than 12.5 mm	B	The dangerous parts can not be touched when introducing a finger	2	Protected against drops of water falling at up to 15° from the vertical		
3	Protected against solid bodies larger than 2.5 mm	C	The dangerous parts can not be touched when introducing a tool (eg a screwdriver)	3	Protected against drops of rain water at up to 60° from the vertical		
4	Protected against solid bodies larger than 1 mm			4	Protected against projections of water from all directions		
5	Protected against dust (no harmful deposit)	D	The dangerous parts can not be touched when introducing a wire	5	Protected against jets of water from all directions		
6	Completely protected against dust			6	Protected against jets of water of similar force to heavy seas		
				7	Protected against the effects of immersion		
				8	Protected against prolonged effects of immersion under pressure		

Protection against mechanical impact : Index of protection - IK

According to standards IEC 62262 and BS EN 62262

IK	Tests	Impact energy (in Joules)
IK 00		0
IK 01	0.2 kg, 75 mm	0.15
IK 02	0.2 kg, 100 mm	0.2
IK 03	0.2 kg, 175 mm	0.35
IK 04	0.2 kg, 250 mm	0.5
IK 05	0.2 kg, 350 mm	0.7
IK 06	0.5 kg, 200 mm	1
IK 07	0.5 kg, 400 mm	2
IK 08	1.7 kg, 295 mm	5
IK 09	5 kg, 200 mm	10
IK 10	5 kg, 400 mm	20

(1) A product previously classed as IP xx-7 can be assumed to fulfill the conditions of an IP xx - IK 08

This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10). It can also be used to ascertain the correspondence with the old IP code 3rd digit and the corresponding external "Ag" conditions.

The contents of the Protection Classifications charts are for guidance only. If you have any doubt as to the interpretation of the information contained therein, please refer either to the standard itself or contact Legrand.

Health and Safety at Work, etc. Act. 1974

Statement to Purchasers and Prospective Purchasers

1. Section 6 of this Act provides that manufacturers, designers, importers or suppliers of articles for use at work have a duty to ensure so far as is reasonably practical, that the article will be safe and without risk to health when properly used. An article is not regarded as being 'properly used' if it is used without regard to any relevant information or advice relating to its use made available by the manufacturer, designer, importer or supplier.

2. With regard to these provisions the following is given as a guide to the information which is readily available to you. This information relates to those products detailed in our catalogue(s) or associated literature or may be obtained by specific request to the Company.

3. All products should be installed and maintained in accordance with good engineering practice and relevant British or

other applicable standards, regulations for the installation of equipment by the Institute of Electrical Engineers or any other applicable Codes of Practice.

Health and Safety at Work Act

The Electricity at Work Regulations, 1989

1. All installations and maintenance should be carried out within the provision of the above Act and by persons so qualified as defined in the Act.

2. Information and advice on the suitability of our products can be obtained from Legrand Electric Limited on specific request.

For information concerning wiring device standards outside the UK contact :

BSI

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Email : cservices@bsigroup.com

www.bsigroup.com

marking appears on electrical or electronic products from Legrand and enables the circulation of goods outside the UK.

Conditions of sale
Please consult our current price list

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