

**P. 74**  
Connectivity  
and housing  
selection tables

**LCS³  
copper**



**NEW**  
**P. 90**  
Cat. 6  
LCS³  
patch panels



**P. 100**  
Splitter sockets,  
adapters and  
accessories

**LCS³  
fibre optic**



**NEW**  
**P. 102**  
19" fibre  
optic drawers,  
LCS³  
fibre optic blocks



**P. 106**  
LCS³ preterminated  
fibre optic and  
cable solutions

**LCS³  
Enclosures**



**NEW**  
**P. 109**  
Server cabinet  
& accessories



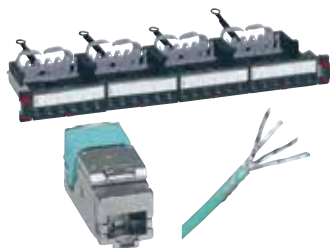
**NEW**  
**P. 115**  
Cabling cabinets  
& accessories

**LCS³  
Energy  
distribution**



**NEW**  
**P. 120**  
PDUs

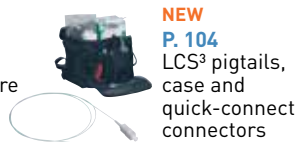
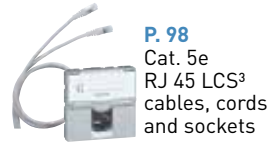
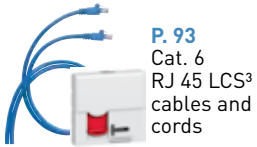
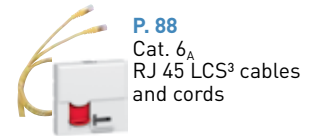
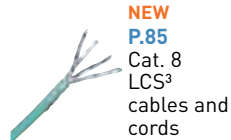
**NEW 2017**



**LCS³ copper system**  
patch panels, individual  
connectors,  
cat. 8, 6<sub>A</sub>, 6 and 5e



**LCS³ fibre optic  
system**  
fibre optic drawers,  
pigtails, fibre optic case



**LCS³  
Enclosures**

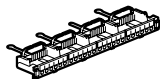
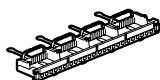
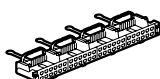
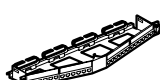



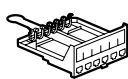
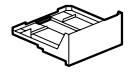

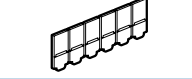







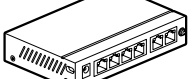
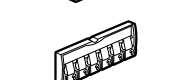




**LCS³  
Energy distribution**



# Connectivity and housing selection tables

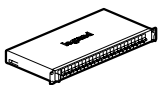
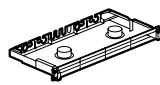
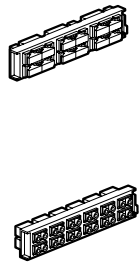
configure your system (continued)

LCS <sup>3</sup> AND LCS <sup>2</sup> PANELS AND CONNECTOR BLOCKS			LCS <sup>3</sup> with new generation Quick-Fix			LCS <sup>2</sup> with Quick-Fix			
			Cat. 8	Cat. 6 <sub>A</sub>	Cat. 6	Cat. 6 <sub>A</sub>	Cat. 6		
            	1 U patch panels equipped with 24 connectors	STP	0 337 82 <sup>(2)</sup>	0 337 72 <sup>(2)</sup>	0 337 62 <sup>(2)</sup>	0 335 73 <sup>(1)</sup>	0 335 63 <sup>(1)</sup>		
			UTP	-	0 337 70 <sup>(2)</sup>	0 337 60 <sup>(2)</sup>	-	-	
			FTP	-	-	0 337 61 <sup>(2)</sup>	-	0 335 62 <sup>(1)</sup>	
		1 U patch panel to be equipped	With cassette	0 337 90 <sup>(2)</sup>	0 337 90 <sup>(2)</sup>	0 337 90 <sup>(2)</sup>	-	-	
			Without cassette	0 337 91 <sup>(2)</sup>	0 337 91 <sup>(2)</sup>	0 337 91 <sup>(2)</sup>	-	-	
				-	-	-	0 335 90 <sup>(1)</sup>	0 335 90 <sup>(1)</sup>	
		High density 1 U patch panels to be equipped with 48 ports		-	0 337 93 <sup>(2)</sup>	0 337 93 <sup>(2)</sup>	-	-	
		1 U angled patch panel to be equipped		0 337 92 <sup>(2)</sup>	0 337 92 <sup>(2)</sup>	0 337 92 <sup>(2)</sup>	-	-	
		1 U high density angled patch panel to be equipped		-	0 337 94 <sup>(2)</sup>	0 337 94 <sup>(2)</sup>	-	-	
		RJ 45 connectors for flat and angled panel	STP	0 337 85	0 337 75	0 337 65	-	-	
				UTP	-	0 337 73	0 337 63	-	-
				FTP	-	-	0 337 64	-	-
		Block of 6 RJ 45 connectors	STP	-	-	-	0 335 76	0 335 66	
				FTP	-	-	-	0 335 65	
		Cord guides		0 337 59	0 337 59	0 337 59	-	-	
	Cassettes for flat panels to be equipped		0 337 55	0 337 55	0 337 55	-	-		
	High density cassettes for flat panels to be equipped		-	0 337 95	0 337 95	-	-		
	Blanking cassettes / blanking blocks		0 337 57	0 337 57	0 337 57	0 335 91	0 335 91		
	Angled panel cover		0 337 58	0 337 58	0 337 58	-	-		
	Port blanking modules		0 337 56	0 337 56	0 337 56	-	-		
<b>COMPLEMENTARY LCS<sup>2</sup> PANELS AND BLOCKS</b>									
        	1 U telephone panels equipped with 4 x 12 port blocks	3-6/4-5 contacts (digital)				LCS <sup>2</sup>			
			4-5/7-8 contacts (analogue)				0 335 31		
		Telephone blocks equipped with 12 ports	3-6/4-5 contacts (digital)				0 335 30		
				4-5/7-8 contacts (analogue)				0 335 33	
		Splitter blocks	Ethernet/Ethernet FTP				0 335 39		
				Telephone/Ethernet FTP				0 335 37	
				Telephone/telephone				0 335 35	
		Video broadcasting block	6 "F" connectors				0 335 34		
		Switch blocks	7 RJ 45 ports				0 335 02		
				6 RJ 45 ports + 1 LC type fibre optic port				0 335 05	
		10/100 Mbits PoE switch	5 RJ 45 ports				0 335 03		
		1 Gigabit PoE switch	5 RJ 45 ports				0 335 08		
	Power over Ethernet (PoE) injector	4 ports				0 335 01			
	Controlled access blocks					0 334 71/72/73/74/75			

1: Equipped with Quick-Fix  
2: Equipped with new generation Quick-Fix

## Connectivity and housing selection tables

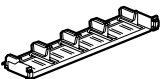
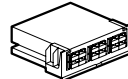
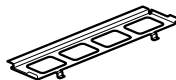
configure your system (continued)

LCS <sup>3</sup> 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)	0 321 64	0 321 61
		24 LC duplex (48 fibres)	0 321 65	0 321 62
		24 ST connectors	-	0 321 63
		12 SC APC duplex (24 fibres)	0 321 66	-
		24 LC APC duplex (48 fibres)	0 321 67	-
	19" rotating equipped fibre optic drawers	18 SC duplex (36 fibres)	0 321 74	0 321 72
		36 LC duplex (72 fibres)	0 321 73	0 321 71
	19" modular sliding equipped fibre optic drawers	12 SC duplex (24 fibres)	0 321 06	0 321 02
		24 LC duplex (48 fibres)	-	0 321 04
	19" modular sliding fibre optic drawers to be equipped with fibre optic blocks	Empty drawer	0 321 00	
LCS <sup>3</sup> 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	0 321 10	0 321 20
		SC duplex high density block for 12 fibre optics	0 321 11	0 321 21
		SC APC duplex block for 6 fibre optics	0 321 12	-
		LC duplex block for 6 fibre optics	0 321 13	0 321 23
		LC duplex block for 12 fibre optics	0 321 14	0 321 24
		SC high density duplex block for 24 fibre optics	0 321 15	0 321 25
		LC APC duplex block for 12 fibre optics	0 321 16	-
		ST block for 6 fibre optics	0 321 17	0 321 27
		4 MTP <sup>(1)</sup> feedthrough adapter	0 321 33	0 321 34
Copper block for fibre optic drawer			0 321 32	

1: MTP is a registered trademark of US Conec Ltd

## Connectivity and housing selection tables

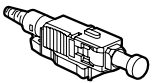






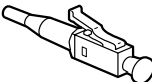
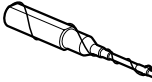
configure your system (continued)

LCS <sup>3</sup> FIBRE OPTIC DRAWERS			
	Spark gap accessory for pre-connection	0 321 28	
	Drawer blanking module	0 321 29	
	24 fibre optic pigtail cassette	0 321 30	
	Coiling kit	0 321 31	
LCS <sup>3</sup> MODULAR PANEL AND CASSETTES			
	19" modular panel to be equipped with cassettes	0 321 40	
	Fibre optic splice cassette	0 321 41	
	Copper cassette to be equipped	0 337 55	
	High density copper cassette to be equipped	0 337 95	
	Preterminated MTP <sup>(1)</sup> cassettes (MPO compatible) Front and back extraction	Multimode OM4 cassettes (50/125 µm) 24 LC OM4 Type A/C	0 321 42
		Multimode OM4 cassettes (50/125 µm) 12 SC OM4 Type A/C	0 321 43
		Single-mode OS2 cassettes (9/125 µm) type OS2 24 LC OS2 Type A/C	0 321 44
		Multimode OS2 cassettes (9/125 µm) 12 SC OS2 Type A/C	0 321 45
	Blanking cassette	0 337 57	
	Rear cable management accessory	0 321 46	
	Cord management kit	0 321 47	
	Single-mode 4 MTP <sup>(1)</sup> adapter	0 321 33	
	Multimode 4 MTP <sup>(1)</sup> adapter	0 321 34	

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## Connectivity and housing selection tables

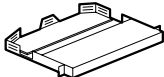
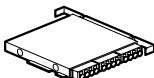
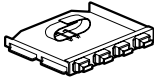
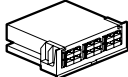
configure your system (continued)

LCS <sup>3</sup> QUICK-CONNECT CONNECTORS					
	Tool case for fibre optic quick-connect connectors		0 322 70		
	OM 3 / OM 4 Quick-connect connectors	LC PC 50/125 µm , 900/250 µm	0 322 71		
		SC PC 50/125 µm , 900/250 µm	0 322 72		
	OS2 Quick-connect connectors	LC UPC 9/125 µm , 900/250 µm	0 322 73		
		SC UPC 9/125 µm , 900/250 µm	0 322 74		
SC APC 9/125 µm , 900/250 µm		0 322 75			
LCS <sup>3</sup> PIGTAILS					
			1 m	2 m	
	50/125 µm - OM2 (PC)	SC LSZH connectors	0 322 10	0 322 13	
		LC LSZH connectors	0 322 11	0 322 14	
		ST LSZH connectors	0 322 12	0 322 15	
		50/125 µm - OM3 (PC)	SC LSZH connectors	0 322 20	0 322 23
			LC LSZH connectors	0 322 21	0 322 24
			ST LSZH connectors	0 322 22	-
		50/125 µm - OM4 (PC)	SC LSZH connectors	0 322 30	0 322 33
			LC LSZH connectors	0 322 31	0 322 34
			ST LSZH connectors	0 322 32	-
	9/125 µm - OS2 (APC or UPC)	SC-APC LSZH connectors	0 322 40	0 322 45	
		SC-UPC LSZH connectors	0 322 41	0 322 46	
		LC-APC LSZH connectors	0 322 42	0 322 48	
		LC-UPC LSZH connectors	0 322 43	0 322 47	
		ST-UPC LSZH connectors	0 322 44	0 322 49	
	Kit of 12 LC pigtails	OS2 (UPC)	0 326 24		
		OM3 (PC)	0 326 26		
		OM4 (PC)	0 326 71		
	Pigtail sleeves		0 327 44		
	Fan-out units	6 fibre optics	0 330 48		
		12 fibre optics	0 330 49		
GLUE-ON CONNECTORS					
	ST connector		0 331 27		
	SC connector		0 331 47		
	LC connector		0 331 00		
FIBRE OPTIC CLEANING ACCESSORIES					
	Ferrule cleaner MPO/MTP <sup>(1)</sup>		0 322 83		
	Ferrule cleaner LC (PC/APC)		0 322 81		
	Ferrule cleaner SC (PC/APC)		0 322 82		
	LC replacement cartridge		0 322 84		
	SC replacement cartridge		0 322 85		

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## Connectivity and housing selection tables

configure your system (continued)

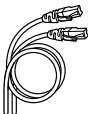





















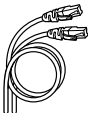























LCS <sup>3</sup> MODULAR FIBRE OPTIC DRAWERS, VERY HIGH DENSITY, TO BE EQUIPPED			
	Fibre optic drawers with front and back facing cord management	1 U	0 321 50
		2 U	0 321 52
		4 U	0 321 53
	MPO 12 LC OM4 (50/125 µm) preterminated cassette		0 321 54
	MPO 12 LC OS2 (9/125 µm) preterminated cassette		0 321 55
	MTP <sup>(1)</sup> (MPO compatible) adapters	Multimode	0 321 56
		Singlemode	0 321 57
12 LC multimode adapter		0 321 58	
LCS <sup>3</sup> HIGH DENSITY CASSETTES FOR VERY HIGH DENSITY MODULAR FIBRE OPTIC DRAWERS			
	MPO cassette - 12 LC OM4 Type A/C		0 321 54
	MPO cassette- 12 LC OS2 Type A/C		0 321 55
LCS <sup>3</sup> EQUIPMENT			
	MTP <sup>(1)</sup> (MPO compatible) adapter	Multimode	0 321 56
		Singlemode	0 321 57
	12 LC multimode adapter		0 321 58
MODULAR PANEL AND CASSETTE			
	19" modular panel to be equipped with cassettes		0 321 40
LCS <sup>3</sup> MTP <sup>(1)</sup> HIGH DENSITY CASSETTES (MPO COMPATIBLE) FOR MODULAR PANELS			
	OM4 multimode MTP <sup>(1)</sup> cassettes (50/125 µm)	24 LC	0 321 42
		12 LC	0 321 43
	OS2 single-mode MTP <sup>(1)</sup> cassettes (9/125 µm)	24 LC	0 321 44
		12 LC	0 321 45
	Fibre optic splice cassette		0 321 41
	Copper cassette to be equipped		0 337 55
	Blanking cassette		0 337 57
	MTP <sup>(1)</sup> adapters (for installation in splice cassettes)	Single-mode 4 MTP <sup>(1)</sup> adapter	0 321 33
Multimode 4 MTP <sup>(1)</sup> adapter		0 321 34	

1: MTP is a registered trademark of US Conec Ltd



# Connectivity and housing selection tables

configure your system (continued)

RJ 45 PATCH AND USER CORDS				LCS <sup>3</sup>			
				Cat. 8	Cat. 6 <sub>A</sub>	Cat. 6	
	LSZH	S/FTP	Impedance 100 Ω	0.5 m	 0 337 01	-	-
				1 m	 0 337 02	-	-
				2 m	 0 337 03	-	-
				3 m	 0 337 04	-	-
				5 m	 0 337 05	-	-
				8 m	 0 337 06	-	-
				10 m	 0 337 07	-	-
				0.5 m	 0 337 21	-	-
					 0 337 08	-	-
				1 m	 0 337 22	-	-
					 0 337 09	-	-
				2 m	 0 337 23	-	-
					 0 337 10	-	-
				3 m	 0 337 24	-	-
					 0 337 11	-	-
				5 m	 0 337 25	-	-
					 0 337 12	-	-
8 m	 0 337 26	-	-				
	 0 337 13	-	-				
10 m	 0 337 27	-	-				
	 0 337 17	-	-				
	LSOH	S/FTP	Impedance 100 Ω	1 m	-	 0 518 70	-
					-	 0 518 66	-
				2 m	-	 0 518 71	-
					-	 0 518 67	-
				3 m	-	 0 518 72	-
		5 m		-	 0 518 73	-	
				-	 0 518 69	-	
				1 m	-	-	 0 518 54
					-	-	 0 518 50
	2 m	-	-	 0 518 55			
		-	-	 0 518 51			
	3 m	-	-	 0 518 56			
		-	-	 0 518 52			
	5 m	-	-	 0 518 57			
		-	-	 0 518 53			
	LSOH	U/UTP	Impedance 100 Ω	1 m	-	-	 0 518 62
					-	-	 0 518 58
2 m				-	-	 0 518 63	
				-	-	 0 518 59	
3 m				-	-	 0 518 64	
5 m	-	-	 0 518 60				
5 m	-	-	 0 518 65				
	-	-	 0 518 61				



# Connectivity and housing selection tables

configure your system (continued)

RJ 45 PATCH AND USER CORDS				LCS <sup>3</sup>					
				LCS <sup>3</sup> cat. 8	LCS <sup>2</sup> cat. 6 <sub>A</sub>	LCS <sup>2</sup> cat. 6			
	S/FTP	Impedance 100 Ω	0.5 m	-	● 0 518 16	-			
			1 m	-	● 0 517 80	● 0 517 52			
			2 m	-	● 0 517 81	● 0 517 53			
			3 m	-	● 0 517 82	● 0 517 54			
			5 m	-	● 0 517 83	● 0 517 55			
	PVC F/UTP	Impedance 100 Ω	0.5 m	-	-	● 0 518 15			
			1 m	-	-	● 0 517 62			
			2 m	-	-	● 0 517 63			
			3 m	-	-	● 0 517 64			
			5 m	-	-	● 0 517 65			
	U/UTP	Impedance 100 Ω	0.5 m	-	-	● 0 518 18			
			1 m	-	-	● 0 517 72			
			2 m	-	-	● 0 517 73			
			3 m	-	-	● 0 517 74			
			5 m	-	-	● 0 517 75			
<b>COPPER CABLES (305 M OR 500 M DRUMS)</b>									
	S/FTP	4 pairs	500 m	0 337 88	● 0 327 77	-			
	SF/UTP	4 pairs	500 m	-	-	● 0 327 57			
	F/UTP	4 pairs	305 m	-	-	● 0 328 56			
			500 m	0 337 86	● 0 327 78	● 0 327 56			
	F/FTP	4 pairs	500 m	-	● 0 328 78	● 0 327 76			
			500 m	-	● 0 327 99	-			
		2 x 4 pairs	500 m	-	● 0 327 98	-			
					<b>OS 2 (UPC) single-mode 9/125 μm</b>	<b>OM 4 multimode 50/125 μm</b>	<b>OM 3 multimode 50/125 μm</b>		
	SC/SC duplex cords		1 m		0 326 00	0 326 30	0 326 09		
			2 m		0 326 01	0 326 31	0 326 10		
			3 m		0 326 02	0 326 32	0 326 11		
	SC/LC duplex cords		1 m		0 326 03	-	0 326 12		
			2 m		0 326 04	-	0 326 13		
			3 m		0 326 05	-	0 326 14		
	LC/LC duplex cords		0.5 m		0 326 28	0 326 33	-		
			1 m		0 326 06	0 326 34	0 326 15		
			2 m		0 326 07	0 326 35	0 326 16		
			3 m		0 326 08	0 326 36	0 326 17		
			5 m		0 326 29	0 326 37	-		
	LC/LC Uniboot duplex cords reversible polarity		1 m		0 326 86	0 326 95	-		
			2 m		0 326 87	0 326 96	-		
			3 m		0 326 88	0 326 97	-		
			5 m		0 326 89	0 326 98	-		
			10 m		0 326 92	0 326 99	-		
<b>LCS<sup>3</sup> FIBRE OPTIC CABLES (DRUMS)</b>									
	Interior/exterior		4 fibre	Loose	0 325 02	0 325 43	0 325 37		
			8 fibre	Loose	0 325 03	0 325 44	0 325 38		
			6 fibre	Loose	0 325 12	-	-		
				Tightened	-	0 326 65/66	0 325 10		
			12 fibre	Loose	0 325 14	0 325 45	0 325 39		
				Tightened	0 325 50	0 326 67	0 325 11		
			24 fibre	Loose	0 325 51	-	0 325 53		
				Tightened	-	0 326 68	0 325 52		
			Exterior, steel rodent guard, free		4 fibre optics		0 325 23	0 325 46	-
					8 fibre optics		0 325 24	0 325 47	0 325 40
					6 Loose fibre optics		0 325 13	-	-
					12 fibre optics		0 325 15	0 325 48	0 325 41
24 fibre optics		0 325 25			-	0 325 42			

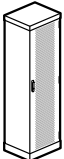
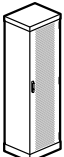

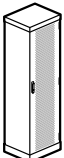
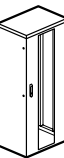
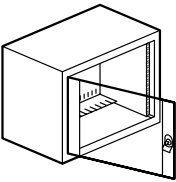
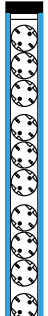

## Connectivity and housing selection table

configure your system (continued)

WHITE MOSAIC RANGE RJ 45 SOCKETS				Cat. 6 <sub>A</sub>	Cat. 6
	1 module	STP		0 765 73	0 765 63
		FTP		-	<b>0 765 62</b>
	2 modules	STP		0 765 76	0 765 66
		FTP		-	<b>0 765 65</b>
	2 x 45° tilted modules	STP		0 765 08	0 765 07
		FTP		-	0 765 05
	90° sockets	STP		-	0 765 93
		FTP		-	0 765 92
	Anti-microbial	STP		0 765 84	0 765 83
		FTP		-	0 765 82
	Controlled access	STP		0 765 99	0 765 96
		FTP		-	0 765 95
	Green flap	STP		0 765 24	-
		FTP		-	0 765 22
	Orange flap	STP		0 765 25	-
		FTP		-	0 765 23
2 RJ 45 sockets		FTP	-	0 765 46	
Copper feedthrough		STP	0 786 28	-	
		FTP	-	0 786 23	
Splitter sockets	Ethernet/Ethernet	FTP	0 765 39	0 765 39	
	Telephone/Ethernet	FTP	0 765 37	0 765 37	
	Telephone/telephone		0 765 35	0 765 35	
PoE SWITCHES AND INJECTOR					
	1 Gigabit PoE switch	4 RJ45 outputs		0 335 08	
	10/100 Mbits PoE switch	4 RJ45 outputs		0 335 03	
	PoE injector	4 inputs/4 outputs		0 335 01	
		1 input/1 output		0 327 37	
ZONE DISTRIBUTION BOXES				Cat. 6 <sub>A</sub>	Cat. 6
	Zone distribution boxes Equipped with 12 RJ 45 connectors	STP		0 335 49	0 335 46
		FTP		-	0 335 45
		UTP		-	0 335 44
	Block of 6 RJ 45 connectors	STP		-	0 335 66
		FTP		-	<b>0 335 65</b>
		UTP		-	0 335 64
	Fibre optic accessory			0 335 20	0 335 20
	Zone distribution box To be equipped with 4 blocks			-	0 335 40

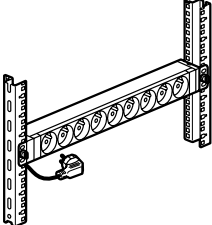
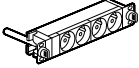
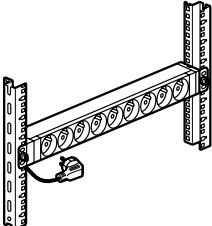
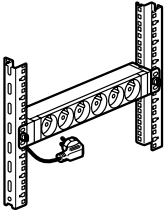
## Connectivity and housing selection tables

configure your system (continued)

LCS <sup>3</sup> 19" SERVER ENCLOSURES (WITHOUT SIDE PANELS) (p. xxx)			Depth 1000 mm	Depth 1100 mm	Depth 1200 mm
	42 U	Width 600 mm	4 460 00	4 460 01	4 460 02
	42 U	Width 800 mm	4 460 03	4 460 04	4 460 05
	46 U	Width 600 mm	4 460 06	4 460 07	4 460 08
	46 U	Width 800 mm	4 460 09	4 460 10	4 460 11
LCS <sup>3</sup> 19" SERVER ENCLOSURES (WITHOUT SIDE PANELS) - WITH AIRFLOW MANAGEMENT (p. xxx)					
	42 U	Width 600 mm	4 460 12	4 460 13	4 460 14
	42 U	Width 800 mm	4 460 15	4 460 16	4 460 17
	46 U	Width 600 mm	4 460 18	4 460 19	4 460 20
	46 U	Width 800 mm	4 460 21	4 460 22	4 460 23
LCS <sup>3</sup> 19" SIDE PANELS - SET OF 2 INCLUDED PLINTHS (p. xxx)					
	42 U	-	4 460 24	4 460 25	4 460 26
	46 U	-	4 460 27	4 460 28	4 460 29
LCS <sup>3</sup> 19" SERVER ENCLOSURES - FLAT PACK (WITH SIDE PANELS) (p. xxx)					
	42 U	Width 600 mm	4 460 30	4 460 31	4 460 32
	42 U	Width 800 mm	4 460 33	4 460 34	4 460 35
	46 U	Width 600 mm	4 460 36	4 460 37	4 460 38
	46 U	Width 800 mm	4 460 39	4 460 40	4 460 41
LCS <sup>3</sup> 19" CABLING CABINETS (p. xxx)			Depth 800 mm	Depth 1000 mm	
	25 U	Width 800 mm	4 460 80	4 460 81	-
	37 U	Width 800 mm	4 460 82	4 460 83	-
	41 U	Width 800 mm	4 460 84	4 460 85	-
	46 U	Width 800 mm	4 460 86	4 460 87	-
LCS <sup>3</sup> 19" WALL MOUNTED ENCLOSURES (p. xxx)			Depth 525 mm	Depth 625 mm	
	6 U	Width 600 mm	4 461 80	-	-
	9 U	Width 600 mm	4 461 81	4 461 82	-
	12 U	Width 600 mm	4 461 83	4 461 84	-
	15 U	Width 600 mm	4 461 85	4 461 86	-
	21 U	Width 600 mm	-	4 461 87	-
LCS <sup>3</sup> ZERO-U SINGLE PHASE VERTICAL PDU - POWER DISTRIBUTION UNITS (p. xxx)			Connection on 6 mm <sup>2</sup> terminal block	3m cord on 32A 2P+E plug	With Ammeter
	24 outlets	German Standard	6 468 52	-	-
	24 outlets	German Standard	6 468 53	-	-
	24 outlets	British Standard	-	6 468 54	-
	24 outlets	French Standard	6 468 50	6 468 51	-
	24 outlets	C13 - IEC 60320	6 468 56	6 468 57	-
	20 outlets	C13 - IEC 60320	6 468 60	6 468 61	-
	20 C13 outlets	4 C19 outlets	-	-	6 468 65
LCS <sup>3</sup> ZERO-U 3 PHASES VERTICAL PDU - POWER DISTRIBUTION UNITS (p. xxx)					
	18 C13 outlets	6 C19 outlets	-	6 468 70	-
	20 C13 outlets	4 C19 outlets	-	-	6 468 75

## Connectivity and housing selection tables

configure your system (continued)

LCS <sup>3</sup> 1 U 19" SINGLE PHASE PDU - POWER DISTRIBUTION UNITS (p. xxx)			Connection on 6 mm <sup>2</sup> terminal block		3 m cord on 16 A plug	
	6 outlets	German Standard	-		6 468 06	
	9 outlets	German Standard	-		6 468 12	
	8 outlets	British Standard	-		6 468 13	
	6 outlets	French Standard	-		6 468 05	
	9 outlets	French Standard	-		6 468 10	
	9 outlets-red	French Standard	-		6 468 11	
	10 outlets	C13 - IEC 60320	6 468 14	-		
	12 outlets	C13 - IEC 60320	-		6 468 15	
	8 outlets	C13 (6) and C19 (2) - IEC 60320	6 468 09	-		
	6 outlets	C13 - IEC 60320	6 468 07	-		
LCS <sup>3</sup> 1 U 10" SINGLE PHASE PDU - POWER DISTRIBUTION UNITS (p. xxx)			Connection on 6 mm <sup>2</sup> terminal block	3 m cord on 16 A plug	With Ammeter	With Surge protection
	4 outlets	German Standard	-	6 468 01	-	-
	4 outlets	French Standard	-	6 468 00	-	-
LCS <sup>3</sup> 1 U 19" SINGLE PHASE PDU - WITH POWER/LUMINOUS INDICATORS (p. xxx)			Power Indicator		Luminous Switch	
	9 outlets	German Standard	6 468 21		-	
	8 outlets	German Standard	-		6 468 23	
	6 outlets	British Standard	-		6 468 24	
	9 outlets	French Standard	6 468 20		-	
	8 outlets	French Standard	-		6 468 22	
LCS <sup>3</sup> 1 U 19" SINGLE PHASE PDU - POWER DISTRIBUTION UNITS (p. xxx)			With MCB	With 30 mA RCCB	With Surge protection	With Ammeter
	6 outlets	German Standard	6 468 31	-	6 468 36	-
	6 outlets	French Standard	6 468 30	6 468 33	6 468 35	-
	6 outlets	German Standard	-	-	-	6 468 41
	6 outlets	French Standard	-	-	-	6 468 40
	6 outlets	C13 (6) - On terminal block	-	-	-	6 468 43
	7 outlets	C13 (6) and C19 (1) - On terminal block	-	-	-	6 468 45
	6 outlets	C19 (6) - On terminal block	-	-	-	6 468 44

## Legrand cabling system LCS<sup>3</sup> cat. 8

### flat equipped patch panel

New LCS<sup>3</sup> system

Automatic cassette extraction



0 337 82

Pack	Cat.Nos	<b>Cat. 8 patch panel equipped with 24 RJ 45 connectors</b>
1	0 337 82	<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>The 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 LCS<sup>3</sup> quick-connect connectors (no tools required), with 568 A/B marking</p> <p>Supplied with coloured labels</p> <p>Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards</p> <p>19" patch panel - 1 U</p> <p>Automatic cassette removal by simple pressure</p> <p>Possibility of individual extraction of each connector</p> <p><b>Flat panel</b></p> <p>STP panel - Metal shielding</p>

## Legrand cabling system LCS<sup>3</sup> cat. 8

### flat patch panels to be equipped



0 337 90

Pack	Cat.Nos	<b>Flat 24-connector patch panels - 1 U to be equipped</b>
1	0 337 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>The panels ensure automatic earthing of each connector.</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Flat panel with empty cassettes to be equipped with connectors</b></p> <p>Equipped with 4 automatic extraction cassette for cat. 5e to cat. 8 RJ 45 connectors</p> <p>19" patch panel - 1 U</p> <p><b>Empty flat panel to be equipped with cassette</b></p> <p>It can accept a maximum of 4 automatic extraction cassettes:</p> <ul style="list-style-type: none"> <li>- copper</li> <li>- fibre optic</li> </ul>
1	0 337 91	<p>19" patch panel - 1 U</p>

## Legrand cabling system LCS<sup>3</sup> cat. 8

### angled patch panel to be equipped with connectors



0 337 92



0 337 85

Pack	Cat.Nos	
1	0 337 92	<p><b>Angled 24-connector patch panel - 1 U</b></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            The panel ensures automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b>            It can accept up to 24 cat. 5e to cat. 8 RJ 45 connectors            19" panel - 1 U</p>
1	0 337 85	<p><b>Cat. 8 RJ 45 connectors for flat and angled STP panel</b></p> <p>Quick-connect connection (no tools required), with 568 A/B marking            Supplied with coloured labels            Compliant with the following standards ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1            Set of 6 RJ 45 connectors            For installation in the cassettes of flat or angled panels</p>

## Legrand cabling system LCS<sup>3</sup> cat. 8

### equipment and accessories



0 337 56



0 337 59



0 337 55



0 337 57



0 337 58

Pack	Cat.Nos	
10	0 337 56	<p><b>Common accessories for flat and angled panels</b></p> <p><b>Port blanking modules</b>            Divisible 6 port blanking plate for sealing from 1 to 6 ports</p>
1	0 337 59	<p><b>Cord management</b>            2 cord management for use with new generation Quick-Fix            They provide side cord management</p>
1	0 337 55	<p><b>Specific accessories for flat panels</b></p> <p><b>Cassette for flat panels to be equipped</b>            Empty removable cassette to be equipped with connectors. It can accept 6 cat. 5e to cat. 8 connectors.            Extraction by simple pressure of the cassette making installation and maintenance easier</p>
1	0 337 57	<p><b>Blanking cassette</b>            Used to blank the panel</p>
1	0 337 58	<p><b>Specific accessories for angled panels</b></p> <p><b>Angled panel cover</b>            For optimised management of the air flow inside the cabinet</p>

## Legrand cabling system LCS<sup>3</sup> cat. 8

cables and cords



0 337 88



0 337 03



0 518 90

Pack	Cat.Nos	
		<b>Cat. 8 local network cables</b>
		4 twisted pair cables, 100 Ω LSOH sheath: without halogens EIA/TIA colour code Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards
500 <sup>1</sup>	0 337 86	<b>F/UTP - 4 pairs</b> Performance 2000 MHz Length 500 m supplied on drum. Weight 42 kg
500 <sup>1</sup>	0 337 88	<b>S/FTP - 4 pairs</b> Performance 2000 MHz Length 500 m supplied on drum. Weight 45 kg
		<b>Cat. 8 RJ 45 patch cords</b>
		RJ 45/RJ 45 flat With special "easy grip" plug Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards
		<b>S/FTP shielded, impedance 100 Ω</b>
		Length 0.5 m Length 1 m Length 2 m Length 3 m Length 5 m Length 8 m Length 10 m
		LSZH
		RAL 6027
		0 337 01
		0 337 02
		0 337 03
		0 337 04
		0 337 05
		0 337 06
		0 337 07
		LSZH
		RAL 3020 RAL 6026
1	0 337 21 0 337 08	Length 0.5 m
	0 337 22 0 337 09	Length 1 m
	0 337 23 0 337 10	Length 2 m
	0 337 24 0 337 11	Length 3 m
	0 337 25 0 337 12	Length 5 m
	0 337 26 0 337 13	Length 8 m
1	0 337 27 0 337 17	Length 10 m
		<b>Marking kit</b>
1	0 518 90	Kit of 200 coloured rings for marking RJ 45 cords Rings to be clipped to the patch cords 1: in metre(s)

## Legrand cabling system LCS<sup>3</sup> cat. 6<sub>A</sub>

flat equipped patch panels

Automatic cassette extraction



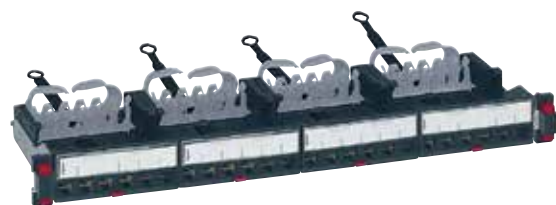
0 337 72

Pack	Cat.Nos	
		<b>Cat. 6<sub>A</sub> patch panels equipped with 24 RJ 45 connectors</b>
		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 The 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 <sub>A</sub> RJ 45 LCS <sup>3</sup> quick-connect connectors (no tools required), with 568 A/B marking Supplied with coloured labels Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards
		19" panel - 1 U Automatic cassette removal by simple pressure
		<b>Flat panels</b>
		24 RJ 45 connectors - 1 U
1	0 337 70	UTP
1	0 337 72	STP



## Legrand cabling system LCS<sup>3</sup> cat. 6<sub>A</sub>

flat patch panels to be equipped



0 337 90



0 337 93

Pack	Cat.Nos	
1	0 337 90	<p><b>Flat 24-connector patch panels - 1 U to be equipped</b></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            The panels ensure automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Flat panel with empty cassettes to be equipped with connectors</b>            Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors            19" panel - 1 U</p> <p><b>Empty flat panel to be equipped with cassettes</b>            It can accept a maximum of 4 automatic extraction cassettes:            - copper            - fibre optic            19" panel - 1 U</p>
1	0 337 93	<p><b>Flat high density 48-connector patch panel - 1 U to be equipped</b></p> <p>Universal mounting on any cabinet or enclosure            The panel ensures automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance            Automatic cassette removal by simple pressure            Possibility of removing each connector individually            19" panel - 1 U</p>

## Legrand cabling system LCS<sup>3</sup> cat. 6<sub>A</sub>

angled patch panels to be equipped with connectors



0 337 92



0 337 94



0 337 75

Pack	Cat.Nos	
1	0 337 92	<p><b>Angled 24-connector patch panel - 1 U</b></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            The panel ensures automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b>            It can accept up to 24 cat. 5e to cat. 8 RJ 45 connectors            19" panel - 1 U</p>
1	0 337 94	<p><b>Angled high density 48-connector patch panel - 1 U to be equipped</b></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            The panel ensures automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b>            It can accept up to 48 cat. 5e to cat. 6<sub>A</sub> RJ 45 connectors            19" panel - 1 U</p>
1	0 337 73	<p><b>High density cat. 6<sub>A</sub> RJ 45 connectors</b></p> <p>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            Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards            For equipment to be installed in the cassettes of flat or angled panels            Set of 6 cat. 6<sub>A</sub> RJ 45 connectors            UTP</p>
1	0 337 75	<p>STP</p>

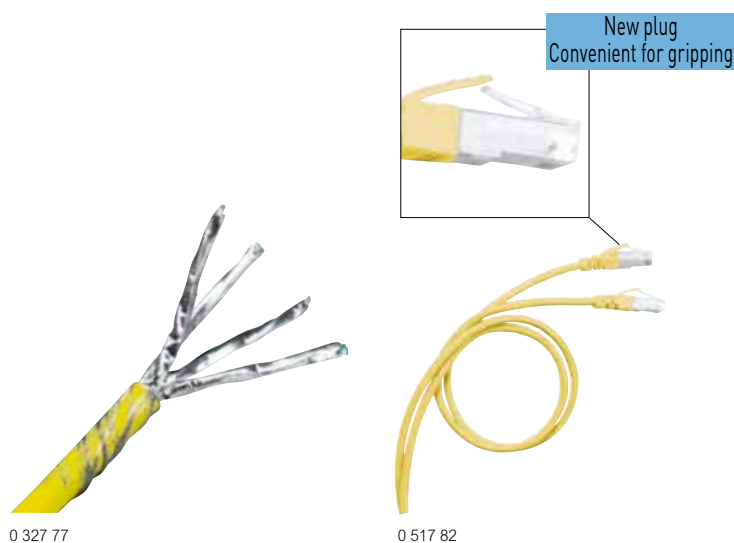


Pack	Cat.Nos	Common accessories for flat and angled panels
10	0 337 56	<b>Port blanking modules</b> Divisible 6 port blanking plate For sealing from 1 to 6 ports
1	0 337 59	<b>Cord management</b> For use with new generation Quick-Fix; they provide side cord management
<b>Specific accessories for flat panels</b>		
1	0 337 55	<b>Cassette for flat panels to be equipped</b> Empty removable cassette to be equipped with connectors. It can accept 6 cat. 5e to cat. 8 connectors Extraction by simple pressure of the cassette making installation and maintenance easier Possibility of removing each connector individually
1	0 337 95	<b>High density cassette for flat panels to be equipped</b> Empty removable cassette to be equipped with connectors; it can accept 12 cat. 5e to cat. 6 <sub>A</sub> connectors Extraction by simple pressure of the cassette, making installation and maintenance easier
1	0 337 57	<b>Blanking cassette</b> Used to blank the panel

Pack	Cat.Nos	Specific accessories for angled panels
1	0 337 58	<b>Angled panel cover</b> For optimised management of the air flow inside the cabinet

# Legrand cabling system LCS<sup>3</sup> cat. 6<sub>A</sub>

## cables and cords



Pack	Cat.Nos	Cables for local networks cat. 6A
500 <sup>1</sup>	0 327 87	<p><b>LSZH</b></p> <p><b>U/UTP - 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg</p>
500 <sup>1</sup>	0 327 78	<p><b>F/UTP - 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 25 kg</p>
500 <sup>1</sup>	0 328 78	<p><b>F/UTP - 2 x 4 pairs</b> Performance 500 MHz Length 500 m Supplied on reel. Weight 65 kg</p>
500 <sup>1</sup>	0 327 77	<p><b>S/FTP - 4 pairs</b> Performance 600 MHz Length 500 m Supplied on reel. Weight 30 kg</p>

1: in metre(s)

Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 6A
1	0 518 82	<p><b>PVC</b></p> <p>RJ 45 - RJ 45 right Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C <b>U/UTP unshielded impedance 100 Ω</b> Length 1 m</p>
1	0 518 83	Length 2 m
1	0 518 84	Length 3 m
1	0 518 85	Length 5 m
1	0 518 78	<p><b>LSZH</b></p> <p>Length 1 m</p>
1	0 518 79	Length 2 m
1	0 518 80	Length 3 m
1	0 518 81	Length 5 m
1	0 518 74	Length 1 m
1	0 518 75	Length 2 m
1	0 518 76	Length 3 m
1	0 518 77	Length 5 m
1	0 518 16	<p><b>PVC</b></p> <p><b>S/FTP shielded impedance 100 Ω</b> Length 0.5 m</p>
5	0 517 80	Length 1 m
5	0 517 81	Length 2 m
5	0 517 82	Length 3 m
5	0 517 83	Length 5 m
1	0 518 70	<p><b>LSZH</b></p> <p>Length 1 m</p>
1	0 518 71	Length 2 m
1	0 518 72	Length 3 m
1	0 518 73	Length 5 m
1	0 518 66	Length 1 m
1	0 518 67	Length 2 m
1	0 518 68	Length 3 m
1	0 518 69	Length 5 m

# Legrand cabling system LCS<sup>3</sup> cat. 6A

## RJ 45 sockets - Mosaic™ Programme

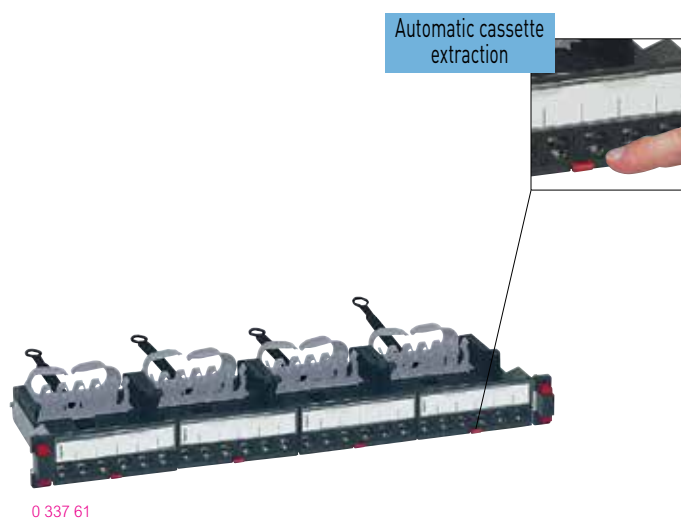


Can be integrated in all supports (see Legrand general catalog)  
 Mechanisms to be equipped with support frames (see Legrand general catalog) and plates (see Legrand general catalog)  
 With LCS<sup>3</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

Pack	Cat.Nos	Mosaic Programme RJ 45 sockets cat. 6A	Pack	Cat.Nos	Keystone RJ 45 sockets cat. 6A
		<b>STP - 1 module</b> 360° metal shielding	10	0 331 54	STP socket - metal shielding 360° with fast connection thanks to integrated crimping
10	0 765 73	○ White	10	0 331 55	UTP socket - with fast connection thanks to integrated crimping
10	0 765 84	○ White antimicrobial			
10	0 794 73	● Aluminium			
		<b>STP - 2 modules</b> 360° metal shielding			<b>Surface-mounting 1 or 2 ports box</b>
10	0 765 76	○ White	1	6 327 79	For keystone connectors
10	0 794 76	● Aluminium			Provides a solution for the integration of a keystone in surface-mounting installations
10	0 765 24	○ White with green blank			Can be fixed on table or in association with mini-trunking
10	0 765 25	○ White with orange blank			
10	0 765 08	○ White			
		<b>STP with controlled access - 2 modules</b> 360° metal shielding Supplied with 2 keys for 5 sockets			
5	0 765 99	○ White with red blank			
		<b>UTP - 1 module</b>			
10	0 765 71	○ White			
10	0 794 71	● Aluminium			
10	0 765 26	○ White with green blank			
10	0 765 27	○ White with orange blank			
		<b>UTP - 2 modules</b>			
10	0 765 74	○ White			
10	0 794 74	● Aluminium			
		<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets			
5	0 765 90	○ White with red blank			
10	0 765 09	○ White			

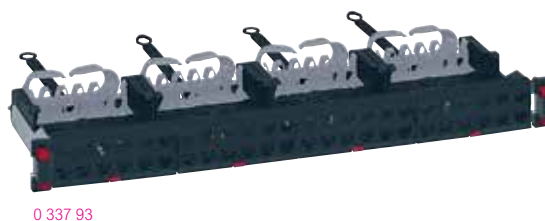
## Legrand cabling system LCS<sup>3</sup> cat. 6

### flat equipped patch panels



## Legrand cabling system LCS<sup>3</sup> cat. 6

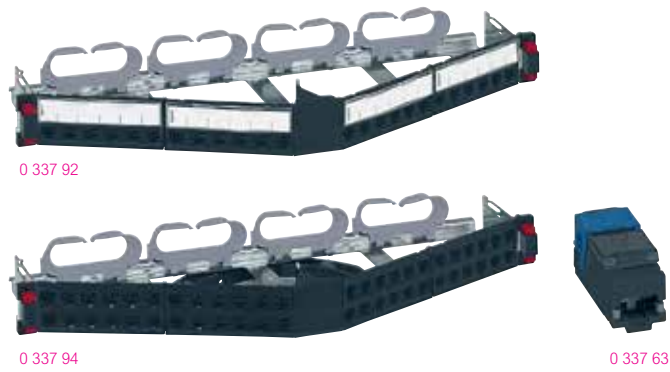
### flat patch panels to be equipped



Pack	Cat.Nos	<b>Cat. 6 patch panels equipped with 24 RJ 45 connectors</b>
		<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>The 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. 6 RJ 45 LCS<sup>3</sup> quick-connect connectors (no tools required), with 568 A/B marking</p> <p>Supplied with numbered coloured labels</p> <p>Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards</p> <p>19" panel - 1 U</p> <p>Automatic cassette removal by simple pressure</p> <p><b>Flat panels</b></p> <p>24 RJ 45 connectors - 1 U</p>
1	0 337 60	UTP
1	0 337 61	FTP
1	0 337 62	STP

Pack	Cat.Nos	<b>Flat 24-connector patch panels - 1 U to be equipped</b>
		<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>The panels ensure automatic earthing of each connector.</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Flat panel with empty cassettes to be equipped with connectors</b></p> <p>Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors</p> <p>19" panel - 1 U</p> <p><b>Empty flat panel to be equipped with cassettes</b></p> <p>It can accept a maximum of 4 automatic extraction cassettes:</p> <ul style="list-style-type: none"> <li>- copper</li> <li>- fibre optic</li> </ul> <p>19" patch panel - 1 U</p>
1	0 337 90	
1	0 337 91	
		<p><b>Flat high density 48-connector patch panel - 1 U to be equipped</b></p> <p>Universal mounting on any cabinet or enclosure</p> <p>The panel ensures automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Automatic cassette removal by simple pressure</p> <p>Possibility of removing each connector individually</p> <p>19" panel - 1 U</p>
1	0 337 93	

## Legrand cabling system LCS<sup>3</sup> cat. 6 angled patch panels to be equipped with connectors



Pack	Cat.Nos	
1	0 337 92	<p><b>Angled 24-connector patch panels - 1 U</b></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 The panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b> It can accept up to 24 cat. 5e to cat. 8 RJ 45 connectors 19" panel - 1 U</p>
1	0 337 94	<p><b>Angled high density 48-connector patch panel - 1 U to be equipped</b></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 The panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b> It can accept up to 48 cat. 5e to cat. 6<sub>A</sub> RJ 45 connectors 19" panel - 1 U</p>
1	0 337 63	<p><b>Cat. 6 high density RJ 45 connectors</b></p> <p>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 Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards For equipment to be installed in the cassettes of flat or angled panels Set of 6 cat. 6 RJ 45 connectors</p>
1	0 337 63	UTP
1	0 337 64	FTP
1	0 337 65	STP

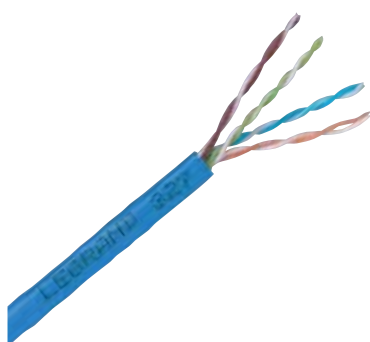
## Legrand cabling system LCS<sup>3</sup> cat. 6 equipment and accessories



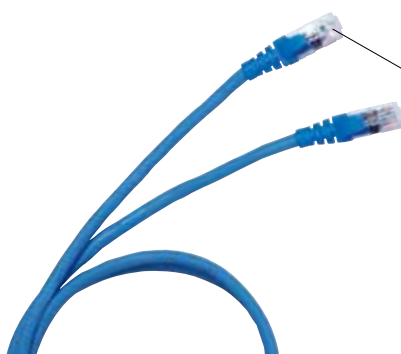
Pack	Cat.Nos	
10	0 337 56	<p><b>Common accessories for flat and angled panels</b></p> <p><b>Port blanking modules</b> Divisible 6 port blanking plate For sealing from 1 to 6 ports</p>
1	0 337 59	<p><b>Cord management</b> For use with new generation Quick-Fix; they provide side cord management</p>
1	0 337 55	<p><b>Specific accessories for flat panels</b></p> <p><b>Cassette for flat panels to be equipped</b> Empty removable cassette to be equipped with connectors. It can accept 6 cat. 5e to cat. 8 connectors Extraction by simple pressure of the cassette, making installation and maintenance easier</p>
1	0 337 95	<p><b>High density cassette for flat panels to be equipped</b> Empty removable cassette to be equipped with connectors; it can accept 12 cat. 5e to cat. 6<sub>A</sub> connectors Extraction by simple pressure of the cassette, making installation and maintenance easier Possibility of removing each connector individually</p>
1	0 337 57	<p><b>Blanking cassette</b> Used to blank the panel</p>
1	0 337 58	<p><b>Specific accessories for angled panels</b></p> <p><b>Angled panel cover</b> For optimised management of the air flow inside the cabinet</p>

# Legrand cabling system LCS<sup>3</sup> cat. 6

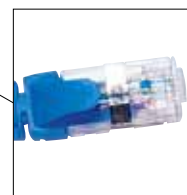
## cables and cords



0 327 54



0 517 62



New plug  
Convenient for gripping

Pack	Cat.Nos	Cables for local networks cat. 6
		Cables 4 pairs or 2 x 4 twisted pairs 100 ohms Blue RAL 5015 Colour code TIA/EIA Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C
305 <sup>1</sup>	0 327 54	<b>U/UTP - 4 pairs</b> Length 305 m Supplied in cardboard box. Weight 16 kg
500 <sup>1</sup>	0 328 61	Length 500 m Supplied on reel. Weight 18 kg
305 <sup>1</sup>	0 327 55	Length 305m Supplied in cardboard box. Weight 13 kg
305 <sup>1</sup>	0 328 56	<b>F/UTP - 4 pairs</b> Length 305 m Supplied on reel. Weight 17 kg
500 <sup>1</sup>	0 327 56	Length 500 m Supplied on reel. Weight 25 kg
305 <sup>1</sup>	0 328 57	<b>F/UTP - 4 pairs</b> Length 305 m Supplied in cardboard box. Weight 17 kg
500 <sup>1</sup>	0 327 58	Length 500 m Supplied on reel. Weight 25 kg
500 <sup>1</sup>	0 327 76	<b>F/UTP - 2 x 4 pairs</b> Length 500 m Supplied on reel. Weight 48 kg
500 <sup>1</sup>	0 327 57	<b>SF/UTP - 4 pairs</b> Length 500 m Supplied on reel. Weight 29 kg
500 <sup>1</sup>	0 327 59	Length 500 m Supplied on reel. Weight 30 kg
	0 327 98	<b>F/FTP - 2 x 4 pairs</b> Length 500 m Weight 62 kg
	0 327 99	<b>F/FTP - 4 pairs</b> Length 500 m Weight 25,2 kg

1: in metre(s)

Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 6
		RJ 45 - RJ 45 right <b>U/UTP unscreened impedance 100 Ω</b>
1	0 518 18	Length 0.5 m
1	0 517 72	Length 1 m
1	0 517 73	Length 2 m
1	0 517 74	Length 3 m
1	0 517 75	Length 5 m
		<b>F/UTP screened impedance 100 Ω</b>
1	0 518 62	Length 1 m
1	0 518 63	Length 2 m
1	0 518 64	Length 3 m
1	0 518 65	Length 5 m
		<b>F/UTP shielded impedance 100 Ω</b>
1	0 518 15	Length 0.5 m
1	0 517 62	Length 1 m
1	0 517 63	Length 2 m
1	0 517 64	Length 3 m
1	0 517 65	Length 5 m
		<b>SF/UTP shielded impedance 100 Ω</b>
5	0 517 52	Length 1 m
5	0 517 53	Length 2 m
5	0 517 54	Length 3 m
5	0 517 55	Length 5 m



# Legrand cabling system LCS<sup>3</sup> cat. 6

## RJ 45 sockets - Mosaic™ Programme



Can be integrated in all supports (see Legrand general catalog)  
 Mechanisms to be equipped with support frames (see Legrand general catalog) and plates (see Legrand general catalog)  
 With LCS<sup>3</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

### Pack Cat.Nos Mosaic Programme RJ 45 sockets cat. 6

Pack	Cat.Nos	Description
10	0 765 61	<b>UTP - 1 module</b> ○ White
10	0 794 61	● Aluminium
10	0 765 81	○ White antimicrobial
10	0 765 64	<b>UTP - 2 modules</b> ○ White
10	0 794 64	● Aluminium
5	0 765 94	<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red blank
10	0 765 91	<b>UTP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White
10	0 765 03	<b>UTP 45° - 2 modules</b> ○ White
5	0 765 04	<b>UTP 45° - 2 x RJ 45 - 2 modules</b> ○ White
1	0 765 32	<b>UTP retractable RJ 45 socket - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White
10	0 794 81	<b>UTP - 1 module</b> ● Black
5	0 765 44	<b>UTP 2 x RJ 45 with Quick-Fix accessory - 3 modules</b> For snap-on mounting on DLP trunking with 45 mm cover ○ White
10	0 765 62	<b>FTP - 1 module</b> ○ White
10	0 794 62	● Aluminium
10	0 765 82	○ White antimicrobial
10	0 765 65	<b>FTP - 2 modules</b> ○ White
10	0 794 65	● Aluminium
10	0 765 22	○ White with green blank
10	0 765 23	○ White with orange blank
5	0 765 46	<b>FTP - 2 modules</b> For snap-on mounting on trunking with 45 mm cover ○ White
10	0 794 85	● Black

### Pack Cat.Nos Mosaic Programme RJ 45 sockets cat. 6 (continued)

Pack	Cat.Nos	Description
5	0 765 95	<b>FTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red blank
10	0 765 05	<b>FTP 45° - 2 modules</b> ○ White
5	0 765 06	<b>FTP 2 x RJ 45 45° - 2 modules</b> ○ White
1	0 765 33	<b>FTP retractable RJ 45 sockets - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White
1	0 794 33	● Aluminium
10	0 765 92	<b>FTP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White
10	0 794 92	● Aluminium
10	0 765 63	<b>Shielded STP - 1 module</b> ○ White
10	0 765 83	○ White antimicrobial
10	0 765 66	<b>Shielded STP - 2 modules</b> ○ White
10	0 794 86	<b>STP - 2 modules</b> ● Black
5	0 765 96	<b>Shielded STP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red blank
10	0 765 07	<b>STP 45° - 2 modules</b> Vertical snap-on socket for column module ○ White
10	0 765 93	<b>Shielded STP 90° - 2 modules</b> Vertical snap-on socket for column module ○ White

# Legrand cabling system LCS<sup>3</sup> category 6

## RJ 45 sockets - Arteur, Soliroc and Plexo

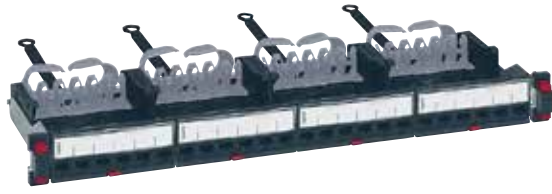


Can be integrated in all supports (see Legrand general catalog)  
 With LCS<sup>3</sup> connector with fast connection thanks to integrated crimping take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

Pack	Cat.Nos	Arteur RJ 45 sockets cat. 6
		Mechanisms supplied with square rocker plates, to be equipped with support frames (see Legrand general catalog) and plates (see Legrand general catalog)
		<b>UTP - 1 module</b>
10	5 723 02	○ White
10	5 728 02	● Magnesium
10	5 723 54	○ White with orange blank
10	5 728 54	● Magnesium with orange blank
10	5 723 55	○ White with green blank
10	5 728 55	● Magnesium with green blank
		<b>UTP - 2 modules</b>
10	5 723 14	○ White - square version
10	5 728 14	● Magnesium - square version
		<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets
5	5 723 53	○ White with red blank
5	5 728 53	● Magnesium with red blank
		<b>UTP retractable RJ 45 sockets - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton
1	5 723 39	○ White
1	5 728 39	● Magnesium
		<b>FTP - 1 module</b>
10	5 723 22	○ White
10	5 728 22	● Magnesium
		<b>FTP - 2 modules</b>
10	5 723 16	○ White
10	5 728 16	● Magnesium
		<b>Shielded STP - 1 module</b>
10	5 723 23	○ White
10	5 728 23	● Magnesium
		<b>Shielded STP - 2 modules</b>
10	5 723 17	○ White
10	5 728 17	● Magnesium

Pack	Cat.Nos	Keystone RJ 45 socket cat. 6
10	0 331 81	UTP socket with fast connection
		<b>Surface-mounting 1 or 2 ports box</b>
1	6 327 79	For keystone connectors Provides a solution for the integration of a keystone in surface-mounting installations Can be fixed on table or in association with mini-trunking
		<b>Soliroc RJ 45 socket cat. 6 - IK 10</b>
1	0 778 91	<b>FTP - 2 modules</b> IP 20 - IK 10 For at-risk areas or areas with no surveillance
		<b>Plexo RJ 45 sockets cat. 6 - IP 55 closed flap IK 07</b>
		<b>RJ 45 sockets</b> Protection against water, dust For industrial sites
5	0 695 69	○ Grey/white FTP socket
1	0 695 61	○ Grey/white UTP socket
1	0 695 81	<b>Adaptor for RJ 45 socket</b> RJ 45 to be ordered separately Weatherproofing ensured (IP 44) plug inserted ○ Grey/white
		<b>Plexo 66 RJ 45 socket cat. 6 - IP 66 - IK 08</b>
1	0 904 67	<b>FTP socket</b> 9 contacts Weatherproofing ensured (IP 66) with plug inserted Inclined 90° ● Grey RAL 7016/T029

## Legrand cabling system LCS<sup>3</sup> cat. 5e flat equipped patch panels



0 337 51

Pack	Cat.Nos	Cat. 5e patch panels equipped with 24 RJ 45 connectors
		<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>The 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 LCS<sup>3</sup> quick-connect connectors (no tools required), with 568 A/B marking</p> <p>Supplied with coloured labels</p> <p>Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards</p> <p>19" panel - 1 U</p> <p>Automatic cassette removal by simple pressure</p> <p>Possibility of removing each connector individually</p> <p><b>Flat panel with empty cassettes to be equipped with connectors</b></p> <p>24 RJ 45 connectors - 1 U</p>
1	0 337 50	UTP
1	0 337 51	FTP

## Legrand cabling system LCS<sup>3</sup> cat. 5e flat patch panels to be equipped



0 337 90



0 337 93

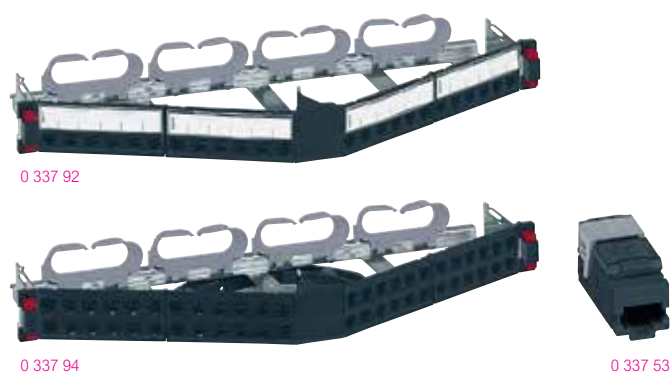
Pack	Cat.Nos	Flat 24-connector patch panels - 1 U to be equipped
		<p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures</p> <p>Universal mounting on any cabinet or enclosure. The panels ensure automatic earthing of each connector.</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Flat panel with empty cassettes to be equipped with connectors</b></p> <p>Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors</p> <p>19" panel - 1 U</p> <p><b>Empty flat panel to be equipped with cassettes</b></p> <p>It can accept a maximum of 4 automatic extraction cassettes:</p> <ul style="list-style-type: none"> <li>- copper</li> <li>- fibre optic</li> </ul> <p>19" panel - 1 U</p>
1	0 337 90	
1	0 337 91	

Pack	Cat.Nos	Flat high density 48-connector patch panel - 1 U to be equipped
		<p>Universal mounting on any cabinet or enclosure</p> <p>The panel ensures automatic earthing of each connector</p> <p>Equipped with rear cable guide to hold the cables during maintenance</p> <p>Automatic cassette removal by simple pressure</p> <p>19" panel - 1 U</p>
1	0 337 93	

## Legrand cabling system LCS<sup>3</sup> cat. 5e

### angled patch panels to be equipped with connectors



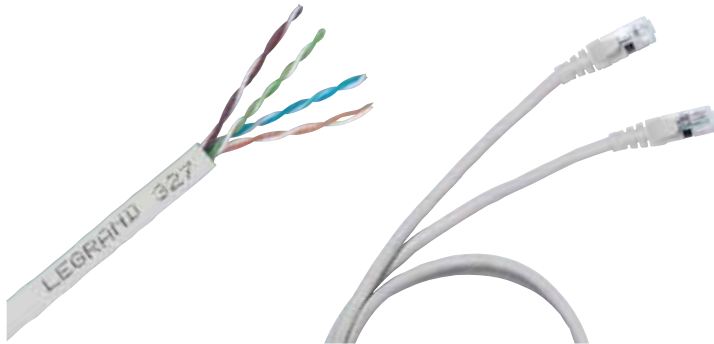
Pack	Cat.Nos	
1	0 337 92	<p><b>Angled 24-connector patch panel - 1 U</b></p> <p>Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures            Universal mounting on any cabinet or enclosure            The panel ensures automatic earthing of each connector            Equipped with rear cable guide to hold the cables during maintenance</p> <p><b>Angled panel to be equipped with connectors</b>            It can accept up to 24 cat. 5e to cat. 8 RJ 45 connectors            19" panel - 1 U</p>
1	0 337 94	<p><b>Angled high density 48-connector patch panel - 1 U to be equipped</b></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            The 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            It can accept up to 48 cat. 5e to cat. 6<sub>A</sub> RJ 45 connectors            19" panel - 1 U</p>
1	0 337 53	<p><b>Cat. 5e High density RJ 45 connectors</b></p> <p>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            Compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards            For equipment to be installed in the cassettes of flat or angled panels            Set of 6 cat. 5e RJ 45 connectors</p>
1	0 337 53	UTP
1	0 337 54	FTP

## Legrand cabling system LCS<sup>3</sup> cat. 5e

### equipment and accessories



Pack	Cat.Nos	
10	0 337 56	<p><b>Common accessories for flat and angled panels</b></p> <p><b>Port blanking modules</b>            Divisible 6 port blanking plate for sealing from 1 to 6 ports</p>
1	0 337 59	<p><b>Cord management</b>            For use with new generation Quick-Fix            They provide side cord management</p>
1	0 337 55	<p><b>Specific accessories for flat panels</b></p> <p><b>Cassette for flat panels to be equipped</b>            Empty removable cassette to be equipped with connectors. It can accept 6 cat. 5e to cat. 8 connectors.            Extraction by simple pressure of the cassette, making installation and maintenance easier            Possibility of removing each connector individually</p>
1	0 337 95	<p><b>High density cassette for flat panels to be equipped</b>            Empty removable cassette to be equipped with connectors;            it can accept 12 cat. 5e to cat. 6<sub>A</sub> connectors            Extraction by simple pressure of the cassette, making installation and maintenance easier            Possibility of removing each connector individually</p>
1	0 337 57	<p><b>Blanking cassette</b>            Used to blank the panel</p>
1	0 337 58	<p><b>Specific accessories for angled panels</b></p> <p><b>Angled panel cover</b>            For optimised management of the air flow inside the cabinet</p>



0 328 50

0 516 40

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

1: in metre(s)

Pack	Cat.Nos		RJ 45 patch cords and user cords cat. 5e
			RJ 45 - RJ 45 right
		PVC	<b>U/UTP unshielded impedance 100 Ω</b>
			Grey
1	0 518 17		Length 0.5 m
1	0 516 36		Length 1 m
1	0 516 37		Length 2 m
1	0 516 38		Length 3 m
1	0 516 39		Length 5 m
			<b>F/UTP screened impedance 100 Ω</b>
			Grey
1	0 518 14		Length 0.5 m
1	0 516 40		Length 1 m
1	0 516 41		Length 2 m
1	0 516 42		Length 3 m
1	0 516 43		Length 5 m

# Legrand cabling system LCS<sup>3</sup> category 5e

## RJ 45 sockets - Mosaic™ Programme, Arteor and Plexo



Can be integrated in all supports (see Legrand general catalog)  
 With LCS<sup>3</sup> connector with fast connection thanks to integrated crimping Take AWG 22 single-core cables up to AWG 26 and AWG multicore cables  
 Contacts marked with dual colour code and wiring schemes T568 A and T 568 B  
 Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568 C

Pack	Cat.Nos	Mosaic Programme RJ 45 sockets cat. 5e	Pack	Cat.Nos	Arteor RJ 45 sockets cat. 5e
		Mechanisms to be equipped with support frames (see Legrand general catalog) and plates (see Legrand general catalog)			Mechanisms supplied with square rocker plates, to be equipped with support frames (see Legrand general catalog) and plates (see Legrand general catalog)
10	0 765 51	<b>UTP - 1 module</b> ○ White	10	5 723 03	<b>UTP - 1 module</b> ○ White
10	0 794 51	● Aluminium	10	5 728 03	● Aluminium
10	0 765 54	<b>UTP - 2 modules</b> ○ White	10	5 723 15	<b>UTP - 2 modules</b> ○ White
10	0 794 54	● Aluminium	10	5 728 15	● Aluminium
5	0 765 97	<b>UTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red blank	10	5 723 04	<b>FTP - 1 module</b> ○ White
5	0 765 41	<b>UTP - 2 x RJ 45 with Quick-Fix accessory - 3 modules</b> For snap-on mounting on DLP trunking with 45 mm cover ○ White	10	5 728 04	● Aluminium
1	0 765 30	<b>UTP retractable RJ 45 socket - 4 modules</b> With integrated retractable cord (0.9 m) Winds up automatically with a pushbutton ○ White	10	0 331 80	<b>Keystone RJ 45 socket cat. 5e</b> <b>UTP socket</b> With fast crimping connection
10	0 765 01	<b>UTP 45° - 2 modules</b> ○ White	1	6 327 79	<b>Surface-mounting 1 or 2 ports box</b> For keystone connectors Provides a solution for the integration of a keystone in surface-mounting installations Can be fixed on table or in association with mini-trunking
5	0 765 02	<b>2 x RJ 45 UTP 45° - 2 modules</b> ○ White			<b>Plexo RJ 45 sockets, cat. 5e - IP 55 closed flap IK 07</b>
10	0 765 52	<b>FTP - 1 module</b> ○ White			<b>RJ 45 sockets</b> Protection against water, dust For industrial sites
10	0 794 52	● Aluminium	1	0 695 57	○ Grey/White FTP socket
10	0 765 55	<b>FTP - 2 modules</b> ○ White	1	0 695 56	○ Grey/White UTP socket
10	0 794 55	● Aluminium	1	0 695 81	<b>Adaptor for RJ 45 socket</b> RJ 45 to be ordered separately Weatherproofing ensured (IP 44) plug inserted ○ Grey/white
5	0 765 98	<b>FTP with controlled access - 2 modules</b> Supplied with 2 keys for 5 sockets ○ White with red blank			
5	0 765 42	<b>FTP - 2 x RJ 45 with Quick-Fix accessory - 3 modules</b> For snap-on mounting on Mosaic trunking with 45 mm cover ○ White			

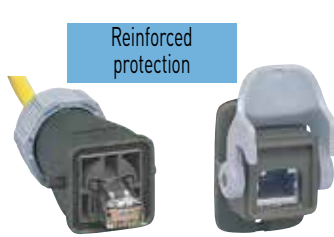


# Legrand cabling system LCS<sup>3</sup>

## doubler sockets, adaptors and accessories



0 539 49



0 533 00 in position  
(no cord supplied)

0 533 01



0 327 60



0 517 09

### Pack Cat.Nos RJ 45 doubler sockets

Pack	Cat.Nos	Description
10	Mosaic 0 765 39	<b>Ethernet/Ethernet</b>
10	0 765 38	FTP - 9 contacts UTP - 8 contacts
10	Mosaic 0 765 37	<b>Telephone/Ethernet</b>
		FTP - 9 contacts
10	Arteor 5 723 36	FTP - 9 contacts
10	5 728 36	○ White FTP - 9 contacts ● Magnesium
10	Mosaic 0 765 36	UTP - 8 contacts
10	Arteor 5 723 35	UTP - 8 contacts
10	5 728 35	○ White UTP - 8 contacts ● Magnesium
10	Mosaic 0 765 35	<b>Telephone/telephone</b> 45 contacts

### Mobile doublers

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

### Weatherproof adaptors

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

### Pack Cat.Nos Cable protection accessories

		Plastic material IP 66/67 guaranteed connection with the pair Cat.No 0 533 02 IP 55 with no connection for base with blank Protection for RJ 45 shielded or unshielded cables ensuring a link of category 5 Conform to standards of the IEC 60603-7 series and to standard IEC 61076-3-106 (version 5) Compatible with products on the market conforming to the standards listed
3	0 533 00	<b>Plug</b> Integrated PE with sealing ring and clamping blades Tool-free assembly Ability to protect cables of category 5e
3	0 533 01	<b>Flush-mounting base</b> Locking base Supplied with RJ 45 female/female coupler cat. 5e
3	0 533 02	<b>Kit</b> Flush-mounting base + plug
3	0 533 03	<b>Protective flap</b> Fits on base Cat.No 0 533 01

### RJ plugs for round cables

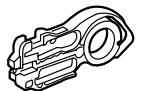
		Gold-coated contacts 1.2 µm	
50	0 517 01	<b>RJ 11</b> 4 contacts, width 9.65 mm	
50	0 517 02	<b>RJ 12</b> 6 contacts, width 9.65 mm	
50	0 517 03	<b>RJ 45 cat. 5e</b> 8 contacts, width 11.70 mm	
50	0 517 04	9 contacts, width 11.70 mm	
50	0 517 06	<b>RJ 45 sleeves</b> Black	
50	0 517 07	White	

### Stripping tool

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

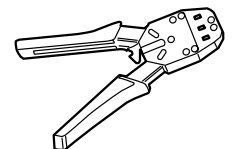
**Stripper**  
For twisted pair and fibre optic cable

**Cutting pliers**  
Cut wires cleanly without damaging the copper



### 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



### 110 tool

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



# Legrand cabling system LCS<sup>3</sup>

data and telephone sockets, patch panels, cables



0 787 31



0 335 79

Pack	Cat.Nos		
			<b>Telephone sockets</b>
			<b>RJ 11 and RJ 12 sockets</b>
			Equipped with a modular Jack connector with 1/4 turn terminal for fast connection Tap-off possible
10	Mosaic	Arteor	<ul style="list-style-type: none"> <li>○ White - RJ 11, 4 contacts - 1 module</li> <li>● Aluminium - RJ 11, 4 contacts - 1 module</li> <li>● Magnesium - RJ 11, 4 contacts - 1 module</li> </ul>
10	0 787 30 0 792 31	5 723 00 -	
10	-	5 728 00	<ul style="list-style-type: none"> <li>○ White - RJ 11, 4 contacts - 2 modules</li> <li>● Magnesium - RJ 11, 4 contacts - 2 modules</li> </ul>
10	0 787 31	5 723 13	
10	-	5 728 13	<ul style="list-style-type: none"> <li>○ White - RJ 12, 6 contacts - 2 modules</li> <li>● Magnesium - RJ 12, 6 contacts - 2 modules</li> </ul>
10	0 787 32	5 723 12	
10	-	5 728 12	<p><b>ISDN socket</b> Self-stripping 1/4 turn terminals for fast connection. Tap-off possible</p> <ul style="list-style-type: none"> <li>○ White - 8 contacts, 2.5 mm<sup>2</sup> earth terminal</li> </ul>
10	0 787 34	-	
10	-	5 723 10	<p><b>Single master - 2 modules</b> With IDC connection Conform to British Telecom</p> <ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> </ul>
10	-	5 728 10	
5	-	5 723 01	<p><b>Single secondary - 1 module</b> With IDC connection Conform to British Telecom</p> <ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> </ul>
5	-	5 728 01	
			<b>Patch panel telephone 50 ports 110 connect</b>
1	0 335 79		19" panel - 1 U
			<b>Cables for telephone networks cat. 3</b>
			PVC sleeve Colour white Colour code TIA/EIA
1	0 328 91		<b>U/UTP - 50 pairs</b> Length 500 m Supplied on reel
1	0 328 88		<b>U/UTP - 100 pairs</b> Length 500 m Supplied on reel
			<b>Panels and units for incoming telephone</b>
			<b>Panels assembled - 1 U</b>
1	0 335 31		Fitted with 4 LCS <sup>3</sup> RJ 45 units of 12 ports with fast tool-free connection
1	0 335 30		3-6/4-5 contacts for digital telephone 4-5/7-8 contacts for analogue telephone
			<b>Incoming telephone units for self-assembly panels</b>
2	0 335 33		Fitted with 12 LCS <sup>3</sup> RJ 45 ports with quick tool-free connection
2	0 335 32		3-6/4-5 contacts for digital telephone 4-5/7-8 contacts for analogue telephone

New LCS<sup>3</sup> system



Pack	Cat.Nos	Equipped 19" optic drawers
		<p>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</p> <p><b>Sliding</b> End of travel stop with 30° tilting Maximum capacity either: - 24 ST and SC connectors - 48 LC connectors Depth 220 mm, height 1 U</p>
1	0 321 61	12 SC duplex multi-mode connectors for 24 fibres
1	0 321 62	24 LC duplex multi-mode connectors for 48 fibres
1	0 321 63	24 ST multi-mode connectors for 48 fibres
1	0 321 64	12 SC duplex single-mode connectors for 24 fibres
1	0 321 65	24 LC duplex single-mode connectors for 48 fibres
1	0 321 66	12 SC APC duplex single-mode connectors for 24 fibres
1	0 321 67	24 LC APC duplex single-mode connectors for 48 fibres
		<p><b>Rotating</b> Delivered with reversible left or right opening Maximum capacity, either: - 72 LC connectors - 36 SC connectors Depth 260 mm, height 1 U</p>
1	0 321 71	36 LC duplex multi-mode connectors for 72 fibres
1	0 321 72	18 SC duplex multi-mode connectors for 36 fibres
1	0 321 73	36 LC duplex single-mode connectors for 72 fibres
1	0 321 74	18 SC duplex single-mode connectors for 36 fibres
		<p><b>19" modular optic drawers</b> 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: - 96 LC connectors - 48 SC connectors - 24 ST connectors Depth 215 mm, height 1 U</p> <p><b>Sliding, equipped</b> 12 SC duplex multi-mode connectors for 24 fibres 24 LC duplex multi-mode connectors for 48 fibres 12 SC duplex single-mode connectors for 24 fibres</p> <p><b>Sliding, to be equipped with fibre optic blocks</b> It can accept all fibre optic blocks; 4 blocks maximum Empty drawer</p>
1	0 321 02	12 SC duplex multi-mode connectors for 24 fibres
1	0 321 04	24 LC duplex multi-mode connectors for 48 fibres
1	0 321 06	12 SC duplex single-mode connectors for 24 fibres
1	0 321 00	Empty drawer

Pack	Cat.Nos	Fibre optic blocks
		<p>They are clipped directly to the optic drawer to be equipped, Cat.No 0 321 00, or the fibre optic splice cassette, Cat.No 0 321 41</p> <p><b>Singlemode fibre optic blocks (9/125 µm)</b> ST block for 6 single-mode fibre optics SC duplex block for 6 single-mode fibre optics SC duplex high density block for 12 single-mode fibre optics SC APC duplex block for 6 single-mode fibre optics LC duplex block for 6 single-mode fibre optics LC duplex block for 12 single-mode fibre optics LC duplex high density block for 24 single-mode fibre optics LC APC duplex block for 12 single-mode fibre optics Single-mode 4 MTP<sup>1</sup> feedthrough adapter</p> <p><b>Multimode fibre optic blocks (62.5 and 50/125 µm)</b> ST block for 6 multimode fibre optics SC duplex block for 6 multimode fibre optics SC duplex high density block for 12 multimode fibre optics LC duplex block for 6 multimode fibre optics LC duplex block for 12 multimode fibre optics LC duplex high density block for 24 multimode fibre optics Multimode 4 MTP<sup>1</sup> feedthrough adapter</p>
1	0 321 17	ST block for 6 single-mode fibre optics
1	0 321 10	SC duplex block for 6 single-mode fibre optics
1	0 321 11	SC duplex high density block for 12 single-mode fibre optics
1	0 321 12	SC APC duplex block for 6 single-mode fibre optics
1	0 321 13	LC duplex block for 6 single-mode fibre optics
1	0 321 14	LC duplex block for 12 single-mode fibre optics
1	0 321 15	LC duplex high density block for 24 single-mode fibre optics
1	0 321 16	LC APC duplex block for 12 single-mode fibre optics
1	0 321 33	Single-mode 4 MTP <sup>1</sup> feedthrough adapter
		<p><b>Multimode fibre optic blocks (62.5 and 50/125 µm)</b> ST block for 6 multimode fibre optics SC duplex block for 6 multimode fibre optics SC duplex high density block for 12 multimode fibre optics LC duplex block for 6 multimode fibre optics LC duplex block for 12 multimode fibre optics LC duplex high density block for 24 multimode fibre optics Multimode 4 MTP<sup>1</sup> feedthrough adapter</p>
1	0 321 27	ST block for 6 multimode fibre optics
1	0 321 20	SC duplex block for 6 multimode fibre optics
1	0 321 21	SC duplex high density block for 12 multimode fibre optics
1	0 321 23	LC duplex block for 6 multimode fibre optics
1	0 321 24	LC duplex block for 12 multimode fibre optics
1	0 321 25	LC duplex high density block for 24 multimode fibre optics
1	0 321 34	Multimode 4 MTP <sup>1</sup> feedthrough adapter
		<p><b>Copper block for fibre optic drawer</b> It clips directly to the optic drawer to be equipped, Cat.No 0 321 00 It gives the possibility of mixing fibre optic and copper</p>
1	0 321 32	Copper block for fibre optic drawer
		<p><b>Accessories for optic drawer to be equipped</b> <b>Accessory for receipt of a fan-out</b> It's clipped at the back of the drawer It enables the entry of preterminated Cat.Nos</p> <p><b>Blank</b> Blank block</p> <p><b>Pigtail cassette</b> Capacity 24 fibre optics</p> <p><b>Coiling kit</b> 1 accessory</p>
1	0 321 28	Accessory for receipt of a fan-out
1	0 321 29	Blank block
1	0 321 30	Pigtail cassette
1	0 321 31	Coiling kit

1: MTP is a registered trademark of US Conec Ltd

# Legrand cabling system LCS<sup>3</sup> fibre optic

## 19" fibre optic drawers and mini-splicer

New LCS<sup>3</sup> system



0 321 40 + 0 321 41



Panel 0 321 40 to be equipped with 4 cassettes 0 321 43



0 321 41



0 321 43



0 321 46



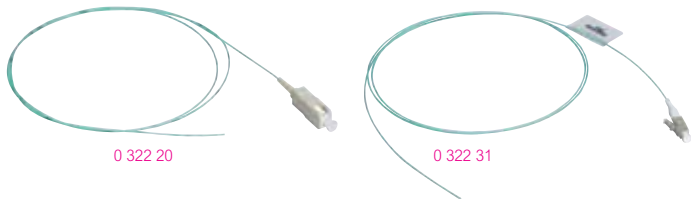
0 322 00

Pack	Cat.Nos	Modular 19" panel to be equipped with cassettes
1	0 321 40	<p>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 1 U</p>
		<b>Optic drawer cassettes</b>
		They are installed directly in the optic panel, Cat.No 0 321 40 Removable cassette Extraction by simple pressure of the cassette, making installation and maintenance easier
1	0 321 41	<b>Fibre optic splice cassette</b> It can accept all modular fibre optic blocks
1	0 337 55	<b>Copper cassette to be equipped</b> It can accept 6 cat. 5e, cat. 6 and cat. 6 <sub>A</sub> connectors
		<b>MTP<sup>1</sup> preterminated cassette (MPO compatible)</b> Front and rear extraction High performance cassette, low insertion loss <0.35 dB
1	0 321 42	Multimode OM4 cassette (50/125 µm) 24 filaments LC OM4 Type A/C
1	0 321 43	Multimode OM4 cassette (50/125 µm) 12 SC OM4 Type A/C
1	0 321 44	Single-mode OS2 cassette (9/125 µm) type OS2 24 LC OS2 Type A/C
1	0 321 45	Single-mode OS2 cassette (9/125 µm) 12 SC OS2 Type A/C
		<b>Blanking cassette</b>
1	0 337 57	Used to blank the panel
		<b>Adapters</b>
1	0 321 33	Single-mode 4 MTP <sup>1</sup> adapter (installation in cassette 0 321 41)
1	0 321 34	Multi-mode 4 MTP <sup>1</sup> adapter (installation in cassette 0 321 41)

1: MTP is a registered trademark of US Conec Ltd

Pack	Cat.Nos	Accessories for 19" panel to be equipped with cassettes
		<b>Rear cable management accessory</b>
1	0 321 46	For installation on panels Cat.No 0 321 40
		<b>Cord management kit (guide/support/door)</b>
1	0 321 47	For installation on panel Cat.No 0 321 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
		<b>Smart splicer</b>
		Compact and robust tool, excellent hand grip, easy to transport. Allows the fusion and protection of pigtails, state report of insertion losses (IL typical = 0,1 dB) by insertion led control (IL). USB port to download the IL datas. Composition: - 1 splicer Dim: 95x132x71 mm Weight: 550 gr IP: 50 - 1 precision cleaver - 1 adapter for different LC and SC standards - 1 lithium battery (autonomy: 80 splice and protection cycles) - Power cord - 2 fiber holders - 900 µm
1	0 322 00	1 splicer kit for pigtails
1	0 322 02	Fiber holder repla 900 microns
1	0 322 03	Fiber holder 250 microns
1	0 322 04	1 Cord LC-LC APC
1	0 322 05	1 Cord LC-LC
1	0 322 06	1 Cord LC-SC APC
1	0 322 07	1 Cord LC-SC
1	0 322 08	1 Adaptater LC-LC
1	0 322 09	1 Adaptater SC-SC
1	0 322 76	Fiber stripper
1	0 322 77	Wipes
1	0 322 78	Cleaning spray bottle

## Legrand cabling system LCS<sup>3</sup> fibre optic pigtaills, glue-on connectors and fan-out units

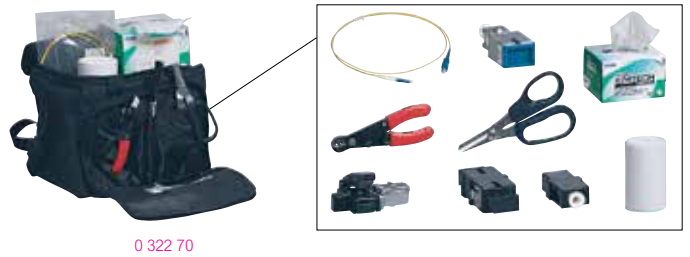


0 322 20

0 322 31

Pack	Cat.Nos	Pigtaills
		They can be used for on-site connection of the fibre optic cable; quick, reliable and performing: - OM2/OM3/OM4 IL Typical/Master = 0.15 db - OS2 IL Typical/Master = 0.18 db Compatible with all the fusion splicers available on the market
		<b>50/125 µm - OM2 (PC)</b>
		Connectors
10	0 322 10	SC 1 m LSZH
10	0 322 11	LC 1 m LSZH
10	0 322 12	ST 1 m LSZH
10	0 322 13	SC 2 m LSZH
10	0 322 14	LC 2 m LSZH
10	0 322 15	ST 2 m LSZH
		<b>50/125 µm - OM3 (PC)</b>
		Connectors
10	0 322 20	SC 1 m LSZH
10	0 322 21	LC 1 m LSZH
10	0 322 22	ST 1 m LSZH
10	0 322 23	SC 2 m LSZH
10	0 322 24	LC 2 m LSZH
		<b>50/125 µm - OM4 (PC)</b>
		Connectors
10	0 322 30	SC 1 m LSZH
10	0 322 31	LC 1 m LSZH
10	0 322 32	ST 1 m LSZH
10	0 322 33	SC 2 m LSZH
10	0 322 34	LC 2 m LSZH
		<b>9/125 µm - OS2 (APC or UPC) - OS1 compatible</b>
		Connectors
10	0 322 40	SC-APC OS2 1 m LSZH
10	0 322 41	SC-UPC OS2 1 m LSZH
10	0 322 42	LC-APC OS2 1 m LSZH
10	0 322 43	LC-UPC OS2 1 m LSZH
10	0 322 44	ST-UPC OS2 1 m LSZH
10	0 322 45	SC-APC OS2 2 m LSZH
10	0 322 46	SC-UPC OS2 2 m LSZH
10	0 322 47	LC-UPC OS2 2 m LSZH
10	0 322 48	LC-APC OS2 2 m LSZH
10	0 322 49	ST-UPC OS2 2 m LSZH
		<b>Set of 12 LC pigtaills</b>
1	0 326 24	OS2 12 pigtaills LC-UPC
1	0 326 26	OM3 12 pigtaills LC-PC
1	0 326 71	OM4 12 pigtaills LC-PC
		<b>Pigtail sleeves</b>
1	0 327 44	40 mm - bag of 50 sheaths
		<b>Glue-on connectors 50/125 and 62.5/125 µm</b>
		Supplied with 900 µm sleeve Ceramic ferrule connector Typical attenuation: 0.3 dB
		Connectors
10	0 331 27	ST
10	0 331 47	SC
10	0 331 00	LC
		<b>Fan-out units</b>
		It allows a 900 µm fibre optic gain 250 µm diameter fibre optics accepted
1	0 330 48	6 fibre optic fan-out unit
1	0 330 49	12 fibre optic fan-out unit

## Legrand cabling system LCS<sup>3</sup> fibre optic case and quick-connect connectors



0 322 70



0 322 72

0 322 73

0 322 75



0 322 83

0 322 81

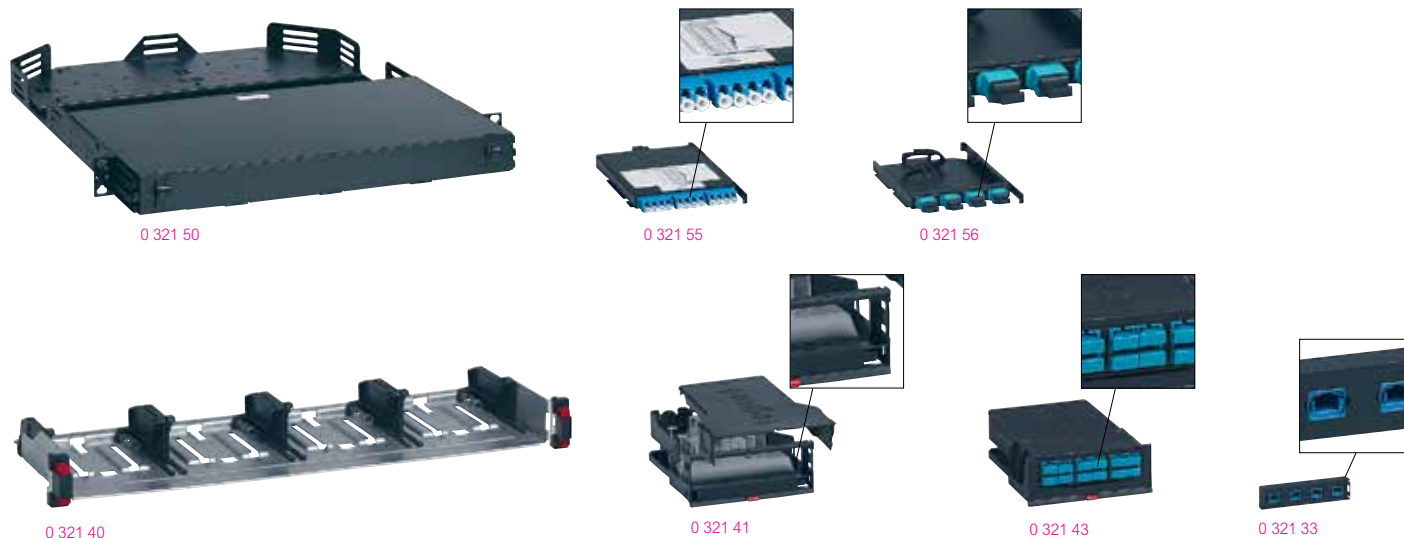
0 322 85

Pack	Cat.Nos	Tool case for the preparation of the fibre optic for quick-connect connectors
1	0 322 70	It 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, trash can...)
		<b>Quick-connect connectors</b>
		Preparation completed using the case, Cat.No 0 322 70 Easy to connect, reliable and reusable up to 5 times They enable the locking of the fibre optic inside the connector A LED is used to test the connection No glue or polishing required They 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)
		<b>OM3/OM4 multimode connectors</b>
		Set of 12 connectors
1	0 322 71	LC PC 50/125 µm, 900/250 µm
1	0 322 72	SC PC 50/125 µm, 900/250 µm
		<b>OS2 single-mode connectors</b>
		Set of 12 connectors
1	0 322 73	LC UPC 9/125 µm, 900/250 µm
1	0 322 74	SC UPC 9/125 µm, 900/250 µm
1	0 322 75	SC APC 9/125 µm, 900/250 µm
		<b>Precision cleaver for the update of the case kit Cat.No 0 326 90</b>
1	0 322 80	It's used in conjunction with the kit of the case Cat.No 0 326 90, to cut the fibre optic with precision, and fit the quick-connect connectors, Cat.No 0 322 71 to 0 322 75
		<b>Fibre optic cleaning accessories</b>
1	0 322 83	Ferrule cleaner MPO/MTP <sup>1</sup>
1	0 322 81	Ferrule cleaner LC (PC/APC)
1	0 322 82	Ferrule cleaner SC (PC/APC)
1	0 322 84	LC replacement cartridge
1	0 322 85	LC replacement cartridge

1: MTP is a registered trademark of US Conec Ltd

# Legrand cabling system LCS<sup>3</sup> fibre optic

## 19" high density and very high density fibre optic drawers



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 <b>Fibre optic drawers with front facing cord management</b> Maximum capacity 4 U (up to 48 cassette) - 576 LC connectors Maximum capacity 2 U (up to 24 cassette) - 288 LC connectors Maximum capacity 1 U (up to 12 cassette) - 144 LC connectors
1	0 321 50	1 U
1	0 321 52	2 U
1	0 321 53	4 U
1	0 321 51	UHD Panel to be equipped cassette without rear management 1 U

Pack	Cat.Nos	Very high density cassettes
		They are clipped directly to the fibre optic drawers, Cat.Nos 0 321 50/51/52/53 Sliding cassette for the above chassis Front or rear cassette extraction MTP <sup>1</sup> high performance cassette Low insertion loss < 0,35 dB A/C polarity
1	0 321 54	<b>Multimode OM4 cassette (50/125 µm)</b> For OM4 type 50/125 µm multimode installations MPO cassette 12 LC OM4 Type A/C
1	0 321 55	<b>OS2 cassette (9/125 µm)</b> For OS2 type 9/125 µm multimode installations MPO cassette 12 LC OS2 Type A/C

Pack	Cat.Nos	MTP <sup>1</sup> adapters (MPO compatible)
1	0 321 56	They are clipped directly to the fibre optic drawers, Cat.Nos 0 321 50/51/52/53 Multimode 4 MTP <sup>1</sup> adapter
1	0 321 57	Single-mode 4 MTP <sup>1</sup> adapter

Pack	Cat.Nos	LC adapter
1	0 321 58	It's clipped directly to the fibre optic drawers, Cat.Nos 0 321 50/51/52/53 Adapter 12 LC multimode

Pack	Cat.Nos	Modular 19" panel to be equipped with cassettes
		To be equipped with a maximum of 4 automatic extraction cassettes 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 1 U
1	0 321 40	

Pack	Cat.Nos	High density MTP <sup>1</sup> cassette (MPO compatible)
		They are installed in the modular panels, Cat.No 0 321 40 Sliding cassette that can be extracted by simple pressure, making installation and maintenance easier Front and rear extraction High performance MTP <sup>1</sup> cassette, low insertion loss <0,35 dB, A/C polarity
1	0 321 41	<b>Fibre optic splice cassette</b> It can accept all modular fibre optic blocks
1	0 337 55	<b>Copper cassette to be equipped</b> It can accept 6 cat. 5e, cat. 6 and cat. 6 <sub>A</sub> connectors
1	0 321 42	<b>Multimode OM4 cassettes (50/125 µm)</b> MTP <sup>1</sup> cassette (MPO compatible) 24 LC OM4 Type A/C
1	0 321 43	MTP <sup>1</sup> cassette (MPO compatible) 12 SC OM4 Type A/C
		<b>Single-mode OS2 cassettes (9/125 µm)</b> OS2 type
1	0 321 44	MTP <sup>1</sup> cassette (MPO compatible) 24 LC OS2 Type A/C
1	0 321 45	MTP <sup>1</sup> cassette (MPO compatible) 12 SC OS2 Type A/C
1	0 337 57	<b>Blanking cassette</b> Used to blank the panel

Pack	Cat.Nos	MTP <sup>1</sup> adapters
		It's installed in splice cassettes, Cat.No 0 321 41 It enables MTP <sup>1</sup> /MTP <sup>1</sup> feedthrough
1	0 321 33	Single-mode 4 MTP <sup>1</sup> adapter
1	0 321 34	Multimode 4 MTP <sup>1</sup> adapter

Pack	Cat.Nos	Accessories for 19" panel to be equipped with cassette
		<b>Rear cable management accessory</b> For installation on panels Cat.No 0 321 40
1	0 321 46	
		<b>Cord management kit (guide/support/door)</b> For installation on panel Cat.No 0 321 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
1	0 321 47	

1: MTP is a registered trademark of US Conec Ltd





0 324 41



0 326 66

### 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<sup>1</sup>-MTP<sup>1</sup>: low connector insertion loss  
 MTP<sup>1</sup> < 0.35 dB/connector  
 Other configurations on request

#### Micro cables OM3 Fan-out - Fan-out

Micro cables with spark gap, output 2 mm

	Designation	Length (m)
1	0 324 01 6 LC Duplex - 6 LC Duplex	10
1	0 324 02 6 LC Duplex - 6 LC Duplex	20
1	0 324 03 6 LC Duplex - 6 LC Duplex	30
1	0 324 04 6 LC Duplex - 6 LC Duplex	40
1	0 324 05 6 LC Duplex - 6 LC Duplex	50
1	0 324 11 12 LC Duplex - 12 LC Duplex	10
1	0 324 12 12 LC Duplex - 12 LC Duplex	20
1	0 324 13 12 LC Duplex - 12 LC Duplex	30
1	0 324 14 12 LC Duplex - 12 LC Duplex	40
1	0 324 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	0 324 21 6 LC Duplex - 6 LC Duplex	10
1	0 324 22 6 LC Duplex - 6 LC Duplex	20
1	0 324 23 6 LC Duplex - 6 LC Duplex	30
1	0 324 24 6 LC Duplex - 6 LC Duplex	40
1	0 324 25 6 LC Duplex - 6 LC Duplex	50
1	0 324 31 12 LC Duplex - 12 LC Duplex	10
1	0 324 32 12 LC Duplex - 12 LC Duplex	20
1	0 324 33 12 LC Duplex - 12 LC Duplex	30
1	0 324 34 12 LC Duplex - 12 LC Duplex	40
1	0 324 35 12 LC Duplex - 12 LC Duplex	50

#### Micro cables OM3 MTP<sup>1</sup>

	Designation	Length (m)
1	0 324 41 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	10
1	0 324 42 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	20
1	0 324 43 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	30
1	0 324 44 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	40
1	0 324 45 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	50

#### Micro cables OS2 MTP<sup>1</sup>

	Designation	Length (m)
1	0 324 51 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	10
1	0 324 52 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	20
1	0 324 53 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	30
1	0 324 54 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	40
1	0 324 55 12 fibre optics - MTP <sup>1</sup> -MTP <sup>1</sup>	50

1: MTP is a registered trademark of US Conec Ltd

### Technical characteristics see e-catalogue

LSOH sheath (except Cat.Nos 0 325 46 /47)  
 Colour code FOTAG  
 Compliance with the EN 50173-2, ISO IEC 11801 standard  
 Packing on drum  
 Tight structure: "easy strip"

### Pack Cat.Nos OM 4 multimode fibre optic cables (50/125 µm)

	Loose tube	Tight structure 900 µm	
2000	0 325 43		"Bend insensitive"
2000	0 325 44		For multimode installations 50/125 µm, type OM 4
2000	0 325 45		Aqua sheaths
2000	0 325 46		Suitable for 10 Giga Ethernet networks
2000	0 325 47		Indoor/outdoor (glass strands)
2000	0 325 48		4 fibres - 2000 m
2000		0 326 65	Indoor/outdoor (glass strands)
2000		0 326 66	6 fibres - 500 m
2000		0 326 67	Indoor/outdoor (glass strands)
2000		0 326 68	6 fibres - 1000 m
			Indoor/outdoor (glass strands)
			12 fibres - 1000 m
			Indoor/outdoor (glass strands)
			24 fibres - 1000 m

# Legrand cabling system LCS<sup>3</sup> fibre optic

## cables (continued)



0 325 13



0 325 10



0 325 08

Technical characteristics [see e-catalogue](#)

LSOH sheath (except Cat.Nos 0 325 13, 0 325 15, 0 325 23, 0 325 24, 0 325 25, 0 325 40, 0 325 41 and 0 325 42)

Colour code: FOTAG

Compliance with the EN 50173-2, ISO IEC 11801 standard

Packing on drum (2000 m)

Tight structure: "easy strip"

Pack	Cat.Nos		OS 2 single-mode fibre optic cables (9/125 µm) - (OS1 compatible) For single-mode installations 9/125 µm, type OS 2 Yellow or black sheaths for outdoor, rodent guard...
	Loose tube	Tight structure 900 µm	
2000	0 325 02		Indoor/outdoor (glass strands) 4 fibres
2000	0 325 03		Indoor/outdoor (glass strands) 8 fibres
2000	0 325 23		Outdoor, corrugated steel tape 4 fibres
2000	0 325 24		Outdoor, corrugated steel tape 8 fibres
2000	0 325 25		Outdoor, corrugated steel tape 24 fibres
2000	0 325 12		Indoor/outdoor (glass strands) 6 fibres
2000	0 325 13		Outdoor, corrugated steel tape 6 fibres
2000	0 325 14	0 325 50	Indoor/outdoor (glass strands) 12 fibres
2000	0 325 15		Outdoor, corrugated steel tape 12 fibres
2000	0 325 51		Indoor/outdoor (glass strands) 24 fibres

Pack	Cat.Nos		OM 3 multimode fibre optic cables (50/125 µm) "Bend insensitive" For multimode installations 50/125 µm, type OM 3 Aqua sheaths Suitable for 10 Giga Ethernet networks
	Loose tube	Tight structure 900 µm	
2000		0 325 10	Indoor/outdoor (glass strands) 6 fibres
2000		0 325 11	Indoor/outdoor (glass strands) 12 fibres
2000	0 325 53	0 325 52	Indoor/outdoor (glass strands) 24 fibres
2000	0 325 37		Indoor/outdoor (glass strands) 4 fibres
2000	0 325 38		Indoor/outdoor (glass strands) 8 fibres
2000	0 325 39		Indoor/outdoor (glass strands) 12 fibres
2000	0 325 40		Outdoor, corrugated steel tape 8 fibres
2000	0 325 41		Outdoor, corrugated steel tape 12 fibres
2000	0 325 42		Outdoor, corrugated steel tape 24 fibres

Pack	Cat.Nos		OM 2 multimode fibre optic cables (50/125 µm) For 50/125 µm multimode installations (OM 2) Orange jacket or black for outdoor, corrugated
	Loose tube	900 µm Tight buffer	
2000		0 325 55	Indoor/outdoor (universal) 4 fibres
2000	0 325 04	0 325 08	Indoor/outdoor (universal) 6 fibres
2000	0 325 05		Outdoor, corrugated steel tape 6 fibres
2000	0 325 06	0 325 09	Indoor/outdoor (universal) 12 fibres
2000	0 325 07		Outdoor, corrugated steel tape 12 fibres



# Legrand cabling system LCS<sup>3</sup> fibre optic

## patch cords



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

Pack	Cat.Nos	OS 1/OS 2 (UPC) single-mode optical cords
		Optic losses max/Master: 0.25 dB For single-mode installations 9/125 µm, type OS 1/ OS 2 Yellow sheaths
		<b>SC/SC duplex cords</b>
3	0 326 00	Length: 1 m
3	0 326 01	Length: 2 m
3	0 326 02	Length: 3 m
		<b>SC/LC duplex cords</b>
3	0 326 03	Length: 1 m
3	0 326 04	Length: 2 m
3	0 326 05	Length: 3 m
		<b>LC/LC duplex cords</b>
3	0 326 28	Length: 0.5 m
3	0 326 06	Length: 1 m
3	0 326 07	Length: 2 m
3	0 326 08	Length: 3 m
3	0 326 29	Length: 5 m
		<b>LC/LC Uniboot duplex cords</b> Reversible polarity
3	0 326 86	Length: 1 m
3	0 326 87	Length: 2 m
3	0 326 88	Length: 3 m
3	0 326 89	Length: 5 m
3	0 326 92	Length: 10 m

Pack	Cat.Nos	OM 4 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 OM 4 Aqua sheaths
		<b>SC/SC duplex cords</b>
3	0 326 30	Length: 1 m
3	0 326 31	Length: 2 m
3	0 326 32	Length: 3 m
		<b>LC/LC duplex cords</b>
3	0 326 33	Length: 0.5 m
3	0 326 34	Length: 1 m
3	0 326 35	Length: 2 m
3	0 326 36	Length: 3 m
3	0 326 37	Length: 5 m
		<b>LC/LC Uniboot duplex cords</b> Reversible polarity
3	0 326 95	Length: 1 m
3	0 326 96	Length: 2 m
3	0 326 97	Length: 3 m
3	0 326 98	Length: 5 m
3	0 326 99	Length: 10 m

Pack	Cat.Nos	OM 3 multimode fibre optic cords (50/125 µm)
		Suitable for 10 Giga Ethernet networks Optic losses max/Master: 0.25 dB For multimode installations 50/125 µm, type OM 3 Aqua sheaths
		<b>SC/SC duplex cords</b>
3	0 326 09	Length: 1 m
3	0 326 10	Length: 2 m
3	0 326 11	Length: 3 m
		<b>SC/LC duplex cords</b>
3	0 326 12	Length: 1 m
3	0 326 13	Length: 2 m
3	0 326 14	Length: 3 m
		<b>LC/LC duplex cords</b>
3	0 326 15	Length: 1 m
3	0 326 16	Length: 2 m
3	0 326 17	Length: 3 m

Pack	Cat.Nos	OM 2 multimode fibre optic cords (50/125 µm)
		Optic losses max/Master: 0.25 dB For multimode installations 50/125 µm, type OM2 Orange sheaths
		<b>ST/ST duplex cords</b>
3	0 330 80	Length: 1 m
3	0 330 81	Length: 2 m
3	0 330 82	Length: 3 m
		<b>SC/SC duplex cords</b>
3	0 330 69	Length: 1 m
3	0 330 70	Length: 2 m
3	0 330 71	Length: 3 m
		<b>ST/SC duplex cords</b>
3	0 330 72	Length: 2 m
3	0 330 73	Length: 3 m
		<b>LC/LC duplex cords</b>
3	0 330 61	Length: 2 m
		<b>SC/LC duplex cords</b>
3	0 330 75	Length: 1 m
3	0 330 63	Length: 2 m
3	0 330 76	Length: 3 m
		<b>LC/ST duplex cords</b>
3	0 330 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
		<b>2 x ST fibre optic feedthrough socket</b> Bayonet mount (STII compatible)
1	0 786 16	White
		<b>2 x SC fibre optic feedthrough socket</b> "Push-pull" connection
1	0 786 17	White
		<b>2 x LC fibre optic feedthrough socket</b> "Push-pull" connection
1	0 786 18	White

# Legrand cabling system LCS<sup>3</sup> Enclosures

## server cabinets and cable entries



4 460 00

4 460 45

4 460 46

### Server cabinets

Legrand offers a wide range of server and network cabinets, with flexibility, sustainability and service as the keywords. The server and network cabinets are widely applicable and modular in structure.

#### Specifications

- Colour: RAL 9011 (black)
- Frame: Aluminium, demountable
- Load capacity: 1500 kg (static)
- Front door: 80% perforated front door. Door is fitted with a Fix-easy swivel handle with a snap-in blind plug for profile-cylinder
- Rear door: 80% perforated double rear doors. Door is fitted with a Fix-easy swivel handle with a snap-in blind plug for profile-cylinder
- Roof: 3 or 4 cut outs with 2 or 3 blind plates and 1 cable entry brush Depending on the frame size
- Interior: The cabinet is equipped with 4 x 19"-profiles including height (U) indication  
The distance to the cabinet front is set to 80 mm, the pitch to 740 mm
- Cable Management: The cabinet is equipped with two cable trays for cable management. Special features include toolless mount key holes for mounting vertical PDU's and fixation points to mount Plastic Cable Rings (4 460 57)
- Accessories: The cabinets are supplied with 20 cage nuts and screws
- Server cabinets are delivered excluding side panels

### Server cabinets with airflow management

Legrand can provide server cabinets that are 600 or 800 mm wide with an airflow management package. These packages keep the loss of air to a minimum, which improves energy efficiency. The rest of the specifications are the same as the standard server cabinets.

Pack	Cat.Nos	LCS <sup>3</sup> 19" server cabinets		
1	4 460 00	Capacity	Width (mm)	Depth (mm)
1	4 460 01	42 U	600	1000
1	4 460 02	42 U	600	1100
1	4 460 03	42 U	600	1200
1	4 460 04	42 U	800	1000
1	4 460 05	42 U	800	1100
1	4 460 06	42 U	800	1200
1	4 460 07	46 U	600	1000
1	4 460 08	46 U	600	1100
1	4 460 09	46 U	600	1200
1	4 460 10	46 U	800	1000
1	4 460 11	46 U	800	1100
1	4 460 12	46 U	800	1200
LCS <sup>3</sup> 19" server cabinets with airflow management				
1	4 460 12	Capacity	Width (mm)	Depth (mm)
1	4 460 13	42 U	600	1000
1	4 460 14	42 U	600	1100
1	4 460 15	42 U	600	1200
1	4 460 16	42 U	800	1000
1	4 460 17	42 U	800	1100
1	4 460 18	42 U	800	1200
1	4 460 19	46 U	600	1000
1	4 460 20	46 U	600	1100
1	4 460 21	46 U	600	1200
1	4 460 22	46 U	800	1000
1	4 460 23	46 U	800	1100
1	4 460 24	46 U	800	1200
LCS <sup>3</sup> side panels for server cabinet, set of 2, including plinths				
1	4 460 24	Capacity	Width (mm)	Depth (mm)
1	4 460 25	42 U	-	1000
1	4 460 26	42 U	-	1100
1	4 460 27	42 U	-	1200
1	4 460 28	46 U	-	1000
1	4 460 29	46 U	-	1100
1	4 460 29	46 U	-	1200

Pack	Cat.Nos	LCS <sup>3</sup> Flatpack server cabinets, including side panels		
Flatpack cabinets have the same configuration as 4 460 00 - 4 460 11 respectively				
1	4 460 30	Capacity	Width (mm)	Depth (mm)
1	4 460 31	42 U	600	1000
1	4 460 32	42 U	600	1100
1	4 460 33	42 U	600	1200
1	4 460 34	42 U	800	1000
1	4 460 35	42 U	800	1100
1	4 460 36	42 U	800	1200
1	4 460 37	46 U	600	1000
1	4 460 38	46 U	600	1100
1	4 460 39	46 U	600	1200
1	4 460 40	46 U	800	1000
1	4 460 41	46 U	800	1100
1	4 460 41	46 U	800	1200
Cable entry brush (roof)				
Insert modules				
The roof and/or floor plate of the cabinet have cut-aways that can be filled using various inserts. Depending on your situation, you can choose between a blank cover plate or cable entry brushes				
1	4 460 45	Cable entry brushes (set)	Max. cross-section	405 x 115 mm
Cable entry blindplate (roof)				
Insert modules				
The roof and/or floor plate of the cabinet have cut-aways that can be filled using various inserts. Depending on your situation, you can choose between a blank cover plate or cable entry brushes				
1	4 460 46	Covering plate RAL 9011	Max. cross-section	153 x 427 mm



6 466 69



4 460 55



4 460 56



4 460 47



4 460 57



4 460 75

Pack	Cat.Nos	
1	6 466 68	<b>Vertical cable clip</b> This cable clip is used for finishing the assembly of cable bundles. The cable clip can be fitted to the 19" profiles Width: 45 mm Depth: 74 mm Delivery consists of: including assembly materials
1	6 466 69	<b>Horizontal cable clip</b> This cable clip is used for finishing the assembly of cable bundles. The cable clip can be fitted to the 19" profiles Width: 40 mm Depth: 86 mm Delivery consists of: including assembly materials
1	4 460 55	<b>Cable ducting, front to back, sliding</b> A telescopic cable duct can be used for guiding cables from the front to the back. The ducting can be attached to the side of the 19" profile. Cable entry foam can be used together with side sealing plates to optimise the airflow. The cable ducting can be adjusted from 550 to 800 mm Cable duct material: Sheet metal Finish: Galvanised Cable guide material: Plastic (noryl; halogen-free) Colour: Blue Variable depth: 550 - 800 mm Delivery consists of: Cable duct including fitting materials
1	4 460 56	<b>Mounting bracket (4x) for the cable cleat + 4x cable cleat</b> The cable cleats are used to make cabling as efficient as possible. Positioning the cable cleats alongside the 19" profile allows the cables to be guided in an optimum fashion. The mounting brackets can be attached to the 19" profile at any height Material: Steel Finishing: Powder coated Unit: 1 U Mounting bracket (4x) for the cable cleat + 4x cable cleat What's in the box: 4 x 1 U mounting brackets and 4 x cable cleats with mounting materials
1	4 460 47	<b>Transport caster, removable set of 4</b> Casters provide you the option of moving your rack more often, more quickly and more easily. The casters are demountable, which means they can be removed or placed later on.

Pack	Cat.Nos	
1	4 460 57	<b>Plastic cable clip</b> The plastic cable clip is an 'eye' which can be used for cable management. It can be attached without tools to the standard cable trunking Set of 10 Material: Polyamide Fire class: UL94-V0 Width: 40 mm Depth: 78 mm
1 1	4 460 76 4 460 75	<b>Floor fixing set</b> The floor fixing set will secure the frame to several floor types. If a computer floor is being used, we recommend a direct attachment to a lower floor, this is possible by using a length of stud. The stud is not included in this set. Sockle height (mm) 100 25 What's in the box: 2 Z-profiles with integrated nuts, including mounting material

# Legrand cabling system LCS<sup>3</sup> Enclosures

## cable ducts and accessories



4 460 60



4 460 60



4 460 62



4 460 70

Cable ducts are available to allow you to optimise the way cables are led to the cabinet. Cable ducts are flexible, modular and simple to install. They can be integrated seamlessly into the cabinet. Because this cabling system is attached directly to the cabinets, it is independent of its surroundings in which it is put to use. As the data center or server room grows, the cable management can easily grow with it, without having to make modifications to the structure of the building, such as anchoring to the ceiling

Two types of cable ducts are available: a narrow cable duct at the back of the cabinet or a wide cable duct along the middle of the cabinet

Pack	Cat.Nos	Wide cable ducts	Pack	Cat.Nos	Covers and end plates for cable ducts
		<p>The wide cable duct is placed by the central roof entry point and is suitable for guiding large amounts of cabling into the cabinet on the left and/or right, as is usual for patch cabinets. The wide cable duct has a partition so that e.g. fibre-optic and copper cables can be kept separate. This partition is movable</p> <p>For large cabinets, both systems can be combined to achieve a triple compartmentalisation – the narrow cable duct plus the wide one with its separating partition. This approach allows the fibre-optic, copper data and power cables to be sufficiently separated. The cable ducts have waterfalls to create the correct radius of curvature for the cables. This makes it easier to get the cables in place and supports the cable structure at the side of the cabinet, so that the equipment can still be accessed easily</p> <p>Material: Steel Finishing: Powder coating Height: 120 mm Depth: 600 mm RAL 9011</p> <p>Width of the rack</p>			<p>Covers can be fitted to cable ducts. They can be assembled directly onto the cable ducts. The covers keep content safely separated and provide protection against dust. The cable ducts can also be closed off at the end of the row using end plates. The covers and end plates do not require any cutting to size and in the colour RAL 9011</p> <p>Material: Steel Finishing: Powder coating Depth of narrow cable duct: 200 mm Depth of wide cable duct: 600 mm RAL 9011</p>
1	4 460 64	600 mm	1	4 460 62	Narrow cable duct
1	4 460 65	800 mm	1	4 460 63	Narrow end plate
			1	4 460 66	Wide cable duct
			1	4 460 67	Wide end plate
			1	4 460 70	Narrow end plate
			1	4 460 71	Wide end plate
					<p><b>Covers for cable ducts</b></p> <p>Width of the rack: 600 mm Width of the rack: 800 mm</p> <p><b>End plates for cable ducts</b></p> <p>Width of the rack: 600, 800 and 1000 mm Delivery consists of: including assembly materials</p>
		<p><b>Narrow cable ducts</b></p> <p>The narrow cable duct is placed by the cabinet's rear roof cable entry points and it can be used for small amounts of cabling, e.g. connecting up servers</p> <p>Material: Steel Finishing: Powder coating Height: 120 mm Depth: 200 mm RAL 9011</p> <p>Width of the rack</p>			
1	4 460 60	600 mm			
1	4 460 61	800 mm			
1	4 460 68	600 mm			
1	4 460 69	800 mm			
		<p><b>Partition</b></p> <p>600 mm 800 mm</p>			

# Legrand cabling system LCS<sup>3</sup> Enclosures

## cable bridges and connecting sets



4 460 72



4 460 73



4 460 48

Pack	Cat.Nos	Cable bridges
1	4 460 72	<p>Where a hot or cold corridor has to be crossed, a cable bridge can be used. The cable bridge is suitable for a wide or narrow cable duct. It can also be combined with aisle containment. The bridges use a sliding system so that the distance between the cable ducts can be bridged at any spot without any sawing being necessary. The cable duct can be installed at various distances along the depth of the corridor. It can be used for instance to save on the number of branches in the main supply or for intra-connectivity within the aisle containment. You can choose to use several bridges depending on the capacity required, or to keep various cables separate</p> <p>Material: Steel            Finishing: Powder coating            Height: 120 mm. Width: 150 mm            RAL 9011</p> <p>Usable length: 990 to 1750 mm            Delivery consists of: including assembly materials</p>

Pack	Cat.Nos	Covers for cable bridges
1	4 460 73	<p>Covers can be fitted to the cable bridges. They are assembled directly onto the cable bridges. The covers keep content safely separated and provide protection against dust. It is possible to have the covers overlap so that multiple covers can be used to ensure proper coverage of the cable bridge</p> <p>Material: Steel            Finishing: Powder coating            Capacity: 150 mm            RAL 9011</p> <p>Usable length: 1030 mm            Delivery consists of: including assembly materials</p>

Pack	Cat.Nos	Connecting sets
1	4 460 48	<p>Connecting sets are needed to connect cabinets together. Various combinations are available of both internal connector tubes and external connector plates. The external connector plates can be screwed onto the outsides of the structural uprights and are invisible when the door is closed. Make at least 2 connections in the front and back planes. You need 2 sets for 25U or more</p> <p>Set of internal and external rack connectors            Material: Steel            Finishing: Powder coating            Capacity: 150 mm            RAL 9011</p> <p>External connecting set of 6 pieces            Delivery consists of: including fastening materials</p>

# Legrand cabling system LCS<sup>3</sup> Enclosures

## aisle containment



Pack	Cat.Nos	Self-closing sliding door
1	4 463 50	<p>Mechanically self-closing sliding doors which provide an airtight enclosure for your aisle containment system. The self-closing sliding door system is available in RAL 9011. The doors can be opened manually. After opening, the doors close by themselves. When the doors close, a soft closing mechanism ensures that the doors do not bang against each other unexpectedly. The door panels contain safety glass panels to guarantee the safety of your staff and to allow ambient light into the containment area, as well as making it possible to see into the corridors from outside.</p> <p>Automatic sliding door 1200 x 2000 (w x h) Automatic sliding door 1200 x 2200 (w x h) Delivery consists of: Sliding door beam, set of doors and assembly materials</p>
1	4 463 51	

Pack	Cat.Nos	High Transparency Roof
1	4 460 73	<p>Your aisle containment solution can be fitted with a High Transparency Roof. These roof panels provide high translucency / light transmission – up to 83%. The roof panels are mounted on rails, separate from the server racks. The length is the overall length of the aisle containment, i.e. including the start and end panels.</p> <p>High Transparency Roof Material: Steel Finishing: Powder coating RAL 9011</p> <p>If your corridor length is not mentioned, please contact Legrand support for advice.</p> <p>Length</p>
1	4 463 53	
1	4 463 54	
1	4 463 55	

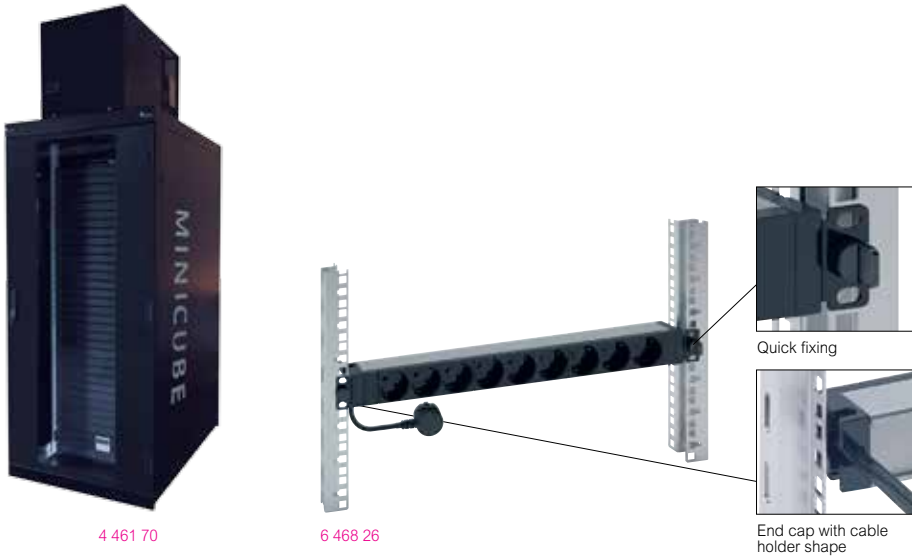
Pack	Cat.Nos	Drop Away Panels
1	4 463 56	<p>Drop Away Panels provide seamless integration of aisle containment solutions with sprinkler or water mist systems. In the event of a fire in the data center, the plastic Drop Away Panels automatically soften and drop down so that they do not cause an obstruction when the sprinklers are activated.</p> <p>FM Approved: The panels meet 'FM Global' insurance requirements. Products with the 'FM Approved' mark meet the highest standards for safety and property loss prevention.</p> <p>Drop Away Panels Material: Steel Finishing: Powder coating RAL 9011</p> <p>If your corridor length is not mentioned, please contact Legrand support for advice.</p> <p>Length</p>
1	4 463 57	
1	4 463 58	
1	4 463 59	

Pack	Cat.Nos	LED lighting
1	4 463 70	<p>LED Tubes are extremely easy to install. The suspension points are easy to position, allowing LED lighting to be fitted in a corridor in very little time. Once assembled, the LED Tube is highly flexible. The rotation capability in the tubes allows the lighting to be targeted specifically at particular pieces of equipment. The high lighting intensity and the energy efficiency of LED Tubes are particularly effective in the aisles of Next Generation corridors. Particularly when black racks are used, these LED Tubes provide improved visibility. LED Tubes can be easily extended using extension cords that are hidden away behind small covers so that they appear as a single whole. Each LED Tube can be fitted with a motion sensor so that the lights turn off if no motion is detected for a period of time. This functionality again underlines the energy efficiency of this lighting solution for a data center.</p>
1	4 463 71	
1	4 463 72	
1	4 463 73	



# Legrand cabling system LCS<sup>3</sup> Enclosures

## MiniCube



### Professionalizing IT infrastructure

With the adoption of cloud computing, many companies now have a need to reduce the size of their server rooms and to save energy costs. Do you have fewer applications running from your in-house server room than before? Do you only want to house your business critical information on site? Then the time has come to deploy an efficient, turnkey micro data center. Even if you want to access data more quickly - low latency - or if you want to optimise your server room, the MiniCube is the ideal solution. The MiniCube has everything you need for a full data center: housing, power supply, monitoring and cooling, all in a compact system. The MiniCube is fully preconfigured and truly plug-and-play.

### Advantages

- Reliable and efficient solution for server rooms
- No dependency on the building, easy to deploy
- Use of proven technologies
- Turn-key solution, including installation and start-up

Standardisation: high

Cooling: in-rack

Racks: 1

Power distribution: 1

UPS: 1

Redundancy: N

Plug & Play: Yes

Completeness: total solution

Monitoring: onsite/remote

Cost-efficiency: high

Target use cases: hybrid IT, SME

Pack	Cat.Nos	MiniCube configuration
		Rack, suitable for installing IT-equipment. Cooling unit build on the top of the rack. UPS system to ensure continuity. PDU, connected to the UPS - the IT-equipment can be fed from this PDU. Dimensions 800 x 1200 x 2280 mm Certification CE/ IEC60950 Description Indoor use only. Ambient conditions: 10 °C – 55 °C
1	4 461 70	Legrand basic PDU Available space: 33 U
1	4 461 71	Intelligent PDU + Monitoring Available space: 31 U
1	4 461 72	Intelligent PDU + Monitoring and Automatic door opening system Available space: 30 U

Pack	Cat.Nos	Accessories
	3 109 30	Micro Data Center Accessories - MiniCube SNMP and Modbus communication card for UPS
1	6 468 62	Micro Data Center Accessories - MiniCube Legrand Zero-U PDU, 1PH 16A CEE input, C13 (20x), C19 (4x) outputs
1	PXE-1493T-A6K1	Micro Data Center Accessories - MiniCube Raritan PXE-1493T-A6K1, 1F 32A, 5m CEE, MCB 16A(2x), C13(20X), C19(4x), Red
1	6 468 26	Micro Data Center Accessories - MiniCube Legrand 19" PDU, 1m C20 input, SCHUKO (9x) outputs
1	6 468 27	Micro Data Center Accessories - MiniCube Legrand 19" PDU, 1m C20 input, UTE (9x) outputs
1	6 468 28	Micro Data Center Accessories - MiniCube Legrand 19" PDU, 1m C20 input, BS1363 (7x) outputs
1	6 468 29	Micro Data Center Accessories - MiniCube Legrand 19" PDU, 1m C20 input, T23 (10x) outputs

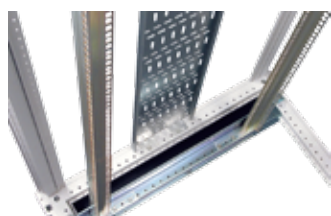


# Legrand cabling system LCS<sup>3</sup> Enclosures

## cablings cabinets and accessories



4 460 80



4 460 95 - 4 460 96



4 460 97



4 460 98

Pack	Cat.Nos	19" cabling cabinets – 800 mm wide			
		<p>The 800 mm wide racks are extremely suitable for use with patching, network and server equipment. The stand-alone racks come with (removable) side panels</p> <p>Specifications:</p> <ul style="list-style-type: none"> <li>- Frame: Aluminium, demountable</li> <li>- Including a 25 mm or 100 mm plinth</li> <li>- Load Capacity 1500 kg (static)</li> <li>- Base size 800 mm wide</li> <li>- Doors (800 and 1000 mm racks): (Clear) Glass front door, metal back door. Doors are right hinged and fitted with a Fix-easy swivel handle with an EK-333 cylinder lock</li> <li>- Roof: 3 or 4 cut outs with 2 or 3 blind plates and 1 cable entry brush. Depending on the frame size</li> <li>- Interior: The rack is equipped with 4 x 19"-profiles including height (U) indication. The distance to the rack front is set to 175 mm, the pitch to 740 mm. In case of 800 mm deep racks, the distance to the back is set to 87,5 mm (pitch is 537,5 mm in that case)</li> <li>- Accessories: The racks are supplied with 20 cage nuts and screws</li> </ul>			
		Capacity	Width (mm)	Depth (mm)	Height (mm)
1	4 460 80	25 U	800	800	1300
1	4 460 81	25 U	800	1000	1300
1	4 460 82	37 U	800	800	1800
1	4 460 83	37 U	800	1000	1800
1	4 460 84	41 U	800	800	2000
1	4 460 85	41 U	800	1000	2000
1	4 460 86	46 U	800	800	2200
1	4 460 87	46 U	800	1000	2200
		<p>LCS<sup>3</sup> 19" Cabling Cabinet, Extended Plinth</p> <p>The extended plinths will heighten the cabinet by 75mm to make room for airflow and/or cabling. The front and rear plinths are perforated to create a natural airflow in the cabinet.</p>			
		Capacity	Width (mm)	Depth (mm)	Height (mm)
1	4 460 88	41 U	800	800	2075
1	4 460 89	41 U	800	1000	2075
1	4 460 90	46 U	800	800	2275
1	4 460 91	46 U	800	1000	2275

Pack	Cat.Nos	Cable trunking						
		<p>Cable trunking is available in 2 heights. It is suitable for vertical cable management. Cables can be attached to the trunking using tie-wraps and/or Velcro. The trunking can easily be fitted from the inside (left or right) to the upper and lower frame</p> <p>Material: Sheet steel Finishing: Galvanised</p> <table border="1"> <tr> <td>Height</td> <td>Width</td> </tr> <tr> <td>41 U</td> <td>200 mm</td> </tr> <tr> <td>46 U</td> <td>200 mm</td> </tr> </table> <p>Delivery consists of: 1 cable trunking element including fasteners</p>	Height	Width	41 U	200 mm	46 U	200 mm
Height	Width							
41 U	200 mm							
46 U	200 mm							
1	4 460 95							
1	4 460 96							
		<p><b>Triple fan unit with IEC connectors</b></p> <p>The triple fan unit allows you to cool the rack. The flow with no load is 480 m<sup>3</sup>/h. Under normal loads it will be over 300 m<sup>3</sup>/h. The connection is made using IEC-320 C13 connectors. The fan units can be combined together using a cable with IEC-320 C13 / C14 connectors. As an additional option, this fan unit can be switched automatically using the 4 460 98 thermostat</p> <p>Flow under normal load 310 m<sup>3</sup>/h</p> <p>Delivery consists of: 1 fan unit, 1 power cable, 1 extender cable including fastenings</p>						
1	4 460 97							
		<p><b>Thermostat for triple fan unit</b></p> <p>The thermostat can be used together with the triple fan unit and a roof plate</p> <p>The thermostat ensures that the fan switches on at a temperature you have selected</p> <p>230VAC / 50Hz - 110mA - 23 dB - 12 watt</p> <p>Delivery consists of: 1 fan unit including assembly materials</p>						
1	4 460 98							

# Legrand cabling system LCS<sup>3</sup> Enclosures

## assembly profiles and cable clip



Pack	Cat.Nos	Assembly profiles including cable guides									
1	4 460 50	<p>The cable guides are ideal for achieving clearly ordered and arranged cabling. A cable guide is 87 mm long. It can be fitted and removed without machine tools. Cables can be laid per 1 U. The radius is particularly suitable for fibre-optic cables. There is room for 24 cables per 1 U. The assembly profile including cable guides cannot be used in a rack that is 600 mm wide.</p> <p>Halogen-free            Fire class: UL94-V0            Material: Polyamide            Colour: RAL 5015            10 cable guides front</p> <table border="1"> <thead> <tr> <th>Height</th> <th>Capacity</th> <th>Height (mm)</th> </tr> </thead> <tbody> <tr> <td>41 U</td> <td>38 U</td> <td>2000</td> </tr> <tr> <td>46 U</td> <td>43 U</td> <td>2200</td> </tr> </tbody> </table> <p>20 cable guides (without profile)            Delivery consists of: assembly profile, cable guides including fasteners</p>	Height	Capacity	Height (mm)	41 U	38 U	2000	46 U	43 U	2200
Height	Capacity		Height (mm)								
41 U	38 U		2000								
46 U	43 U		2200								
1	4 460 51										
1	4 460 54										

Pack	Cat.Nos	Assembly profiles including high-volume cable guide on 19" profiles
1	4 460 99	<p>The high-volume cable guides are ideal for rapid and effective cabling. This high-volume solution allows you to guide more cables than normal cable guides do.</p> <p>Material: Polyamide            Colour: Black</p> <p>6 U assembly profile            41 U assembly profile            46 U assembly profile</p> <p>Delivery consists of: including assembly materials</p>
1	4 460 52	
1	4 460 53	

Pack	Cat.Nos	Plastic cable clip				
1	4 460 57	<p>The plastic cable clip is an 'eye' which can be used for cable management. It can be attached without tools to the standard cable trunking. Set of 10.</p> <p>Material: Polyamide            Fire class: UL94-V0</p> <table border="1"> <thead> <tr> <th>Width (mm)</th> <th>Depth (mm)</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>78</td> </tr> </tbody> </table>	Width (mm)	Depth (mm)	40	78
Width (mm)	Depth (mm)					
40	78					

## Legrand cabling system LCS<sup>3</sup> Enclosures cabling openrack and accessories



Pack	Cat.Nos	Cabling openrack and accessories
1	4 461 50	Punched hole channel rack, 7ft x 24", black, 3/8" square hole
1	4 461 52	Cable duct with door
1	4 461 54	Hexanal cable throughs (set of 6)
1	4 461 55	Bend limiting clips (set of 12)
1	4 461 56	Cable management spools (set of 4)
1	4 461 57	Cable management rings
1	4 461 58	Cable duct mounting brackets (top of rack Cablofil)
1	4 461 60	Overhead Cable Pathway, 5 U, 19"
1	4 461 59	Horizontal cable manager
1	0 465 70	19" cable manager with cover - 1 U
1	0 465 71	19" cable manager with cover - 2 U
1	0 464 23	Screws

## Legrand cabling system LCS<sup>3</sup> Enclosures wall mounting enclosures



Pack	Cat.Nos	Wall mounting enclosures with glass door																																				
		<p>The basic frame consists of a wall element with an integrated strain relief profile, four bars running front to back, two cable entry plates (top and bottom) and a set (2 pcs) of 19" profiles. The depth of the 19" profiles can be adjusted in steps of 50 mm. The cable holes always fit because the installation engineer can change their size on the spot thanks to the handy bend-away fingers. The 19" profiles have a pattern of holes on the side to allow accessories to be fitted. The casing consists of two identical upper and lower panels with ventilation slots at the rear, two identical side panels and a Securit glass door with an EK-333 cylinder lock with a handle</p> <p>Width: 600 mm Colour: RAL 7047 Finishing: Powder coating Max. load: 100 kg</p> <p>Delivery consists of: 1 rear plate, 4 depthwise bars, 2 cable entry plates, 2 19" profiles, 2 roof and floor plates, 2 side panels, 1 glass door, 1 assembly set, including assembly guide</p> <table border="1"> <thead> <tr> <th>Capacity</th> <th>Width (mm)</th> <th>Depth (mm)</th> <th>Height (mm)</th> </tr> </thead> <tbody> <tr> <td>6 U</td> <td>600</td> <td>525</td> <td>342</td> </tr> <tr> <td>9 U</td> <td>600</td> <td>525</td> <td>476</td> </tr> <tr> <td>9 U</td> <td>600</td> <td>625</td> <td>476</td> </tr> <tr> <td>12 U</td> <td>600</td> <td>525</td> <td>609</td> </tr> <tr> <td>12 U</td> <td>600</td> <td>625</td> <td>609</td> </tr> <tr> <td>15 U</td> <td>600</td> <td>525</td> <td>742</td> </tr> <tr> <td>15 U</td> <td>600</td> <td>625</td> <td>742</td> </tr> <tr> <td>21 U</td> <td>600</td> <td>625</td> <td>1009</td> </tr> </tbody> </table>	Capacity	Width (mm)	Depth (mm)	Height (mm)	6 U	600	525	342	9 U	600	525	476	9 U	600	625	476	12 U	600	525	609	12 U	600	625	609	15 U	600	525	742	15 U	600	625	742	21 U	600	625	1009
Capacity	Width (mm)	Depth (mm)	Height (mm)																																			
6 U	600	525	342																																			
9 U	600	525	476																																			
9 U	600	625	476																																			
12 U	600	525	609																																			
12 U	600	625	609																																			
15 U	600	525	742																																			
15 U	600	625	742																																			
21 U	600	625	1009																																			
1	4 461 80																																					
1	4 461 81																																					
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1	4 461 84																																					
1	4 461 85																																					
1	4 461 86																																					
1	4 461 87																																					

Pack	Cat.Nos	Accessories
1	4 461 90	<p><b>Cable entry strip for wall enclosure</b> For dust-free cable entry, instead of the top and/or bottom cable entry plate. Suitable for wall enclosure Delivery consists of: 1 (360 mm) cable entry brush, including fastenings</p>
1	4 461 91	<p><b>Corner guide set</b> The corner guide set supports heavy 19" equipment. The corners are fitted to the sides of the 19" profiles and therefore do not use up any height units in the front plane. Suitable for wall enclosure Material: Sheet steel Colour: Sendzimir Delivery consists of: 1 corner guide support (left), 1 corner guide support (right), including fastening materials</p>
		<p><b>Roof plate with integrated fan unit</b> This fan unit can be added as an option to generate a forced flow of cooling air through the wall enclosure. To do that, the existing roof panel must be removed and replaced with this Cat.No. The 4 460 98 thermostat can be used in combination with this roof plate. Delivery consists of: 1 roof plate with 2 fan units, including assembly materials</p>
1	4 461 92	525 mm (d)
1	4 461 93	625 mm (d)

## Legrand cabling system LCS<sup>3</sup> Enclosures

accessories for wall mounting enclosures

## Legrand cabling system LCS<sup>3</sup> Enclosures

19" accessories



6 466 69



4 461 95

Pack	Cat.Nos	LCS <sup>3</sup> Accessories
1	4 460 98	Thermostat
1	6 466 68	Cable Ring vertical
1	6 466 69	Cable Ring horizontal

### 19" profiles

The flat profiles can be used when fitting shelves of equipment is desired (with attachments front and back)  
Delivered in sets of 2

1	4 461 95	6 U (h)
1	4 461 96	9 U (h)
1	4 461 97	12 U (h)
1	4 461 98	15 U (h)
1	4 461 99	21 U (h)

### Glazed doors

Glass panel door with clear glass for the MWE enclosure  
Width: 600 mm

1	9 004 73	Glass door 6 U
1	9 004 74	Glass door 9 U
1	9 004 75	Glass door 12 U
1	9 004 76	Glass door 15 U
1	9 004 77	Glass door 21 U



0 465 22



0 465 23



0 465 29



0 465 32



4 462 10

### 19" cable feedthrough panels

They ensure the correct arrangement and routing of the patch cords. RAL 9005 black

#### Metal, 2 axes, Quick-Fix

Horizontal feedthrough passage. With cable rings plastic cable guide with controlled radius for optimum cord protection (compliance with the bending radius)  
Quick installation without screws

1 0 465 22 1 U

1 0 465 23 2 U

#### Plastic with brush, direct clipping

1 0 465 28 1 U  
1 0 465 29 2 U

#### Metal with brush, Quick-Fix

Quick installation without screws

1 0 465 30 1 U  
1 0 465 31 2 U

#### 1 U front panel

The plastic front panel serves to seal off the 19" area so that it is airtight. The front panel have been specially designed to make installation easy and to form an airtight 19" seal. The front panel is easy to mount between the 19" profiles. No materials are needed for securing the front panel. Air tight accessories enable energy savings by preventing air leakage

Plastic RAL9005, 25 pieces

### 19" blanking plates

RAL 9005 black

#### Plastic, direct clipping

1 0 465 32 1 U  
1 0 465 33 2 U

#### Metal, Quick-Fix

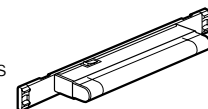
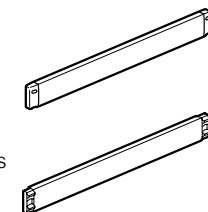
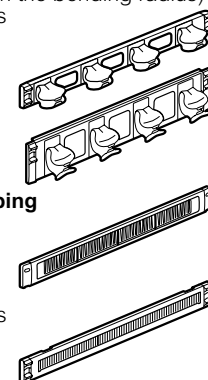
Quick installation without screws

1 0 465 38 1 U  
1 0 465 39 2 U  
1 0 465 40 3 U

### 19" lighting kit

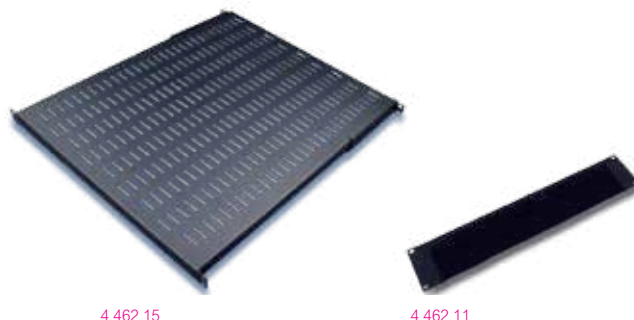
19" metal panel equipped with a lighting kit with switch  
Quick installation without screws  
Supplied with fluorescent tube  
230 V~ - 8 W

1 0 464 85 1 U



# Legrand cabling system LCS<sup>3</sup> Enclosures

## 19" accessories (continued)

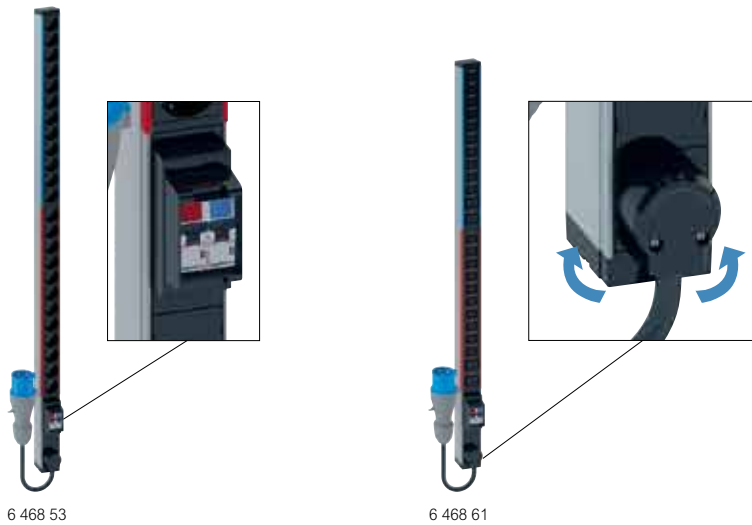


Pack	Cat.Nos	Fixed shelves
		For 19" cabinets and server cabinets, Bati racks and Altis cabinets Quick installation without screws. RAL 9005 black
		<b>Suspended installation on 2 x 19" risers</b> Height 2 U. Maximum load 15 kg
1	0 465 00	Depth 115 mm
1	0 465 01	Depth 200 mm
1	0 465 02	Depth 360 mm
		<b>Installation on 4 x 19" risers</b> Height 1 U. Maximum load 50 kg
1	0 465 05	Shelf depth 425 mm For depth 600 mm
1	0 465 06	Shelf depth 625 mm For depth 800 mm
1	0 465 07	Shelf depth 825 mm For depth 1000 mm
		<b>Telescopic shelves</b> For 19" cabinets and server cabinets, Bati racks and Altis cabinets Quick installation on 4 x 19" risers Height 1 U. Maximum load: 50 kg. RAL 9005 black
1	0 465 08	Shelf depth 425 mm For depth 600 mm
1	0 465 09	Shelf depth 625 mm For depth 800 mm
1	0 465 10	Shelf depth 825 mm For depth 1000 mm
		<b>Heavy duty shelves</b> Maximum load: 100 kg Fastening to the 4 x 19" risers using screws. RAL 9005 black
1	0 465 17	Fixed shelf, depth 820 mm, 1 U For cabinets with depth 1000 mm and server cabinets
1	0 465 18	Telescopic shelf, depth 820 mm, 2 U For server cabinets
		<b>Keyboard shelf</b> For 19" cabinets and server cabinets, Bati racks and Altis cabinets For depth 800 mm and 1000 mm Fastening to the 4 x 19" risers using screws Maximum load: 50 kg. RAL 9005 black It can accept: - a computer screen - a keyboard on retractable support - a mouse on a sliding shelf with built-in pad mouse or CD housing
1	0 465 19	
		<b>Set of 2 fixed guide rails</b> For 19" cabinets and server cabinets, racks and Altis cabinets Installation on 4 x 19" risers Maximum load: 50 kg
1	0 465 11	For depth 600 mm
1	0 465 12	For depth 800 mm
1	0 465 13	For depth 1000 mm

Pack	Cat.Nos	Fixed shelves				
1	4 462 15	Shelf, variable 100kg - 19" x 700 x 25mm (w x d x h) - RAL9011				
1	4 462 11	Cable entry plate - 19" x 1,5mm x 2 U (l x d x h) RAL 9011				
1	4 462 12	Cable entry foam - 19" x 2 U RAL 9011				
		<b>Temperature management</b>				
		<b>1 U ventilation drawers</b> For internal air circulation. Fix on 2 x 19" uprights ON/OFF switch. Supplied with power supply cord 230V~ Black RAL 9005				
1	0 464 89	Drawer with 2 fans Depth 150 mm				
1	0 464 90	Drawer with 4 fans Depth 300 mm				
		<b>Thermostat</b> Adjustable from 5 to 60 °C, 230 V~, 50/60 Hz NC contact (5 A) and NO contact (10 A) Magnet fastening				
1	0 348 48					
		<b>Fixing screws</b> Set of 50 cage nuts, 50 plastic washers and 50 x M6 screws With 9.5 mm cage nuts				
1	0 364 54					
		<b>Self-adhesive document holders</b>				
		<b>Open - RAL 7035</b>				
		Ext. dimensions				
		Int. dimensions				
		Height (mm)	Width (mm)	Height (mm)	Width (mm)	Depth (mm)
1	0 365 80	235	340	200	310	18
1	0 365 81	165	260	130	230	18
		<b>Closed - RAL 7035</b>				
1	0 365 82	Rigid plastic - IP 50 Int. dimensions: 324 x 120 x 18 mm				
		<b>Transparent</b>				
1	0 097 99	Soft plastic, A4 - 305 x 220 mm				

# Legrand cabling system LCS<sup>3</sup> Energy Distribution

## PDU's



To provide ~ electric power for IT equipments in 19" enclosures

Single phase 230 V - 50/60 Hz power supply

Zero-U PDU for vertical mounting in the cabinet

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

The total number of outlets is distributed equally between the 2 circuits

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

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)

- French, German and British standard outlets are equipped with blanks

- French and German standard outlets are inclined at 55°

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

To provide ~ electric power for IT equipments in 19" enclosures

Three phase 380 V - 50/60 Hz power supply

Zero-U PDU for vertical mounting in the cabinet

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)


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
1	6 468 52	<b>German standard</b> 24 outlets Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 53	24 outlets 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 54	<b>British standard</b> 24 outlets Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 50	<b>French standard</b> 24 outlets Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 51	24 outlets 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 56	 <b>IEC 60320 standard</b> 24 C13 outlets with cord locking system Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 57	24 C13 outlets with cord locking system
1	6 468 60	3 m power supply cord with IEC 60309 32 A 2P+E plug 20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 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	With ammeter
1	6 468 65	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 a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)  <b>IEC 60320 standard</b> 20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm <sup>2</sup>



# Legrand cabling system LCS<sup>3</sup> Energy Distribution

## PDU's



6 468 75

To provide ~ electric power for IT equipments in 19" enclosures

Single phase 230 V - 50/60 Hz power supply

Zero-U PDU for vertical mounting in the cabinet

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

The total number of outlets is distributed equally between the 2 circuits

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

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)

- French, German and British standard outlets are equipped with blanks

- French and German standard outlets are inclined at 55°

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

To provide ~ electric power for IT equipments in 19" enclosures

Three phase 380 V - 50/60 Hz power supply

Zero-U PDU for vertical mounting in the cabinet

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)



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

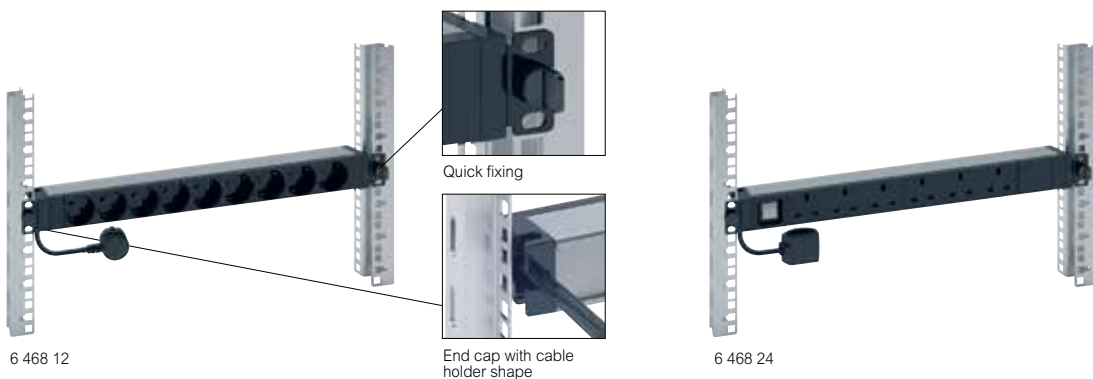
Pack	Cat.Nos	Standard
1	6 468 70	 <b>IEC 60320 standard</b> 18 C13 outlets + 6 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 32 A 3P+N+E plug
		<b>With ammeter</b> Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures 1 ammeter per circuit Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)
1	6 468 75	 <b>IEC 60320 standard</b> 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 LCS<sup>3</sup> Energy Distribution

## PDU's



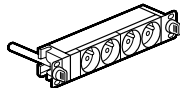
To provide ~ electric power for IT equipments in enclosures. 230 V - 50/60 Hz power supply. 1U aluminium profile. End cap with metallic brackets and cable holder shape. Quick fixing (no screws) on 19" fixing centers. Can also be installed vertically by reverting the brackets (no screws).

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).
  - French, German and British standard outlets are equipped with blanks
  - French and German standard outlets are inclined at 55°
- Black modules (outlets and functions)

Pack	Cat.Nos	19" - PDU standard
1	6 468 06	<b>German standard</b> 3 m power supply cord with 16 A 2P+E French/ German plug
	6 468 12	6 outlets 9 outlets
1	6 468 13	<b>British standard</b> 3 m power supply cord with 13 A 2P+E British plug 8 outlets
		<b>French standard</b> 3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 05	6 outlets
1	6 468 10	9 outlets
1	6 468 11	9 tamperproof red outlets
1	6 468 14	<b>IEC 60320 standard</b> Connection on terminal block (except Cat.No 6 468 15)
		10 C13 outlets with cord locking system
1	6 468 15	12 C13 outlets with cord locking system
1	6 468 09	3 m power supply cord with 16 A IEC 60309 2P+E 6 C13 outlets + 2 C19 outlets with cord locking system
1	6 468 07	6 C19 outlets with cord locking system

Pack	Cat.Nos	10" - PDU standard
1	6 468 01	1 m power supply cord 2P+E French/German plug
1	6 468 00	<b>4 x 2P+E outlets</b> German standard
		French standard



Pack	Cat.Nos	19" - PDU with power indicator or luminous switch
1	6 468 21	LED indicator gives information whether the PDU is supplied with power or not LED indicator switch powers on/off the total PDU
		<b>German standard</b> 3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 23	9 outlets and 1 power indicator 8 outlets and 1 luminous switch
1	6 468 24	<b>British standard</b> 3 m power supply cord with 13 A 2P+E British plug 6 outlets and 1 luminous switch
		<b>French standard</b> 3 m power supply cord with 16 A 2P+E French/ German plug
1	6 468 20	9 outlets and 1 power indicator
1	6 468 22	8 outlets and 1 luminous switch

# Legrand cabling system LCS<sup>3</sup> Energy Distribution

## PDU's



6 468 36

To provide ~ electric power for IT equipments 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 centers. 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).

- French, German and British standard outlets are equipped with blanks

- French and German standard outlets are inclined at 55°

Black modules (outlets and functions)

Pack	Cat.Nos	19" - PDU with protection devices
		MCB and RCBO support with projecting edges to avoid accidental breakdown 3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 31	<b>German standard</b> 6 outlets and a 16 A single pole Micro Circuit Breaker
1	6 468 30	<b>French standard</b> 6 outlets and a 16 A single pole Micro Circuit Breaker
1	6 468 33	6 outlets and a 16 A 30 mA Residual-current Circuit Breaker with Overcurrent protection
		<b>19" - PDU with surge protection</b>
		Protect against mains overvoltages while keeping outlets energised 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 surge protection module Cat.No 6 468 97 (replacement keeping the PDU and its outlets powered on) With switch 3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 36	6 outlets - German standard
1	6 468 35	6 outlets - French standard

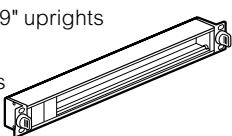

Pack	Cat.Nos	19" - PDU with ammeter
		Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures Measure total PDU current Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)
1	6 468 41	<b>German standard</b> 3 m power supply cord with 16 A 2P+E French/German plug 6 outlets
1	6 468 40	<b>French standard</b> 3 m power supply cord with 2P+E French/German plug 6 outlets
		 <b>IEC 60320 standard</b> With integrated universal plug locking system Connection on terminal block
1	6 468 43	6 C13 outlets with cord locking system
1	6 468 45	6 C13 outlets + 1 C19 outlet with cord locking system
1	6 468 44	6 C19 outlets with cord locking system

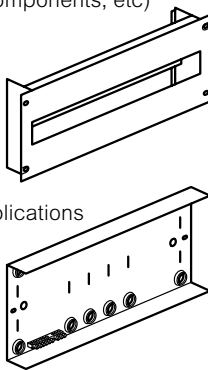


6 468 90



0 465 46 + 0 465 47

Pack	Cat.Nos	PDU to be equipped
1	6 468 99	For self assembly with Mosaic wiring device modules Quick fixing (no screws) on 19" uprights Aluminium profile PDU 19" Capacity: 16 Mosaic modules
1	6 468 98	PDU 10" Capacity: 8 Mosaic modules
		
<b>PDU accessories</b>		
<b>Locking caps</b>		
To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey		
1	6 468 90	Set of 6 locking caps for French and German standard outlet + 1 key
1	6 468 92	Set of 6 locking caps for British standard outlet + 1 key
1	6 468 94	Set of 6 locking caps for C13 standard outlet + 1 key
1	6 468 95	Set of 6 locking caps for C19 standard outlet + 1 key
<b>Surge protection module</b>		
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		
1	6 468 97	Surge protection replacement module
		

Pack	Cat.Nos	Multi-applications DIN rail
1	0 465 46	For mounting modular devices (circuit breakers, Legrand multimedia network components, etc) Capacity: 24 modules Height 4 U Screw fixing on 19" uprights <sup>(1)</sup> DIN profile rail with front panel Supplied with blanking plates 24 modules Black RAL 9005
1	0 465 47	Rear cover To be used for high current applications (greater than 50 V) Used with Cat.No 0 465 46 Ensures IP XXB Supplied with terminal block (8 + 1 connections)
		

# Legrand cabling system LCS<sup>3</sup>

## Performance table

	Supported network protocol	SIZES OF COMPONENTS				LINK SIZES (CHANNEL)			
		Cat. 8 STP	Cat. 6 <sub>A</sub> 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
<b>Attenuation (dB) Signal loss</b>	LCS <sup>3</sup> 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
<b>Return loss (dB) Resistance to echo</b>	LCS <sup>3</sup> 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
<b>Next (dB) Resistance to disturbances between pairs<sup>(1)</sup></b>	LCS <sup>3</sup> 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

**POE READY** Performance stability and long-lasting product capabilities guaranteed for a POE signal up to 100 W

## Compliance with LCS<sup>3</sup> system standards and approvals

The LCS<sup>3</sup> 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 (2017)

The LCS<sup>3</sup> 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

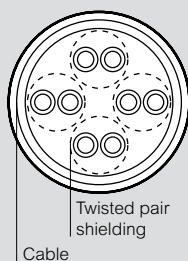
The class I link of the LCS<sup>3</sup> system is also compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards. LCS<sup>3</sup> systems are certified by the independent lab 3P, a point of reference for the sector



## 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 U: no screen
SFTP	SF/UTP	SF: ribbon + braid association	F: screen consisting of alu/polyester ribbon U: no screen
STP	U/FTP	U: no screen	F: screen consisting of alu/polyester ribbon U: no screen
FTP	F/FTP	F: screen consisting of alu/polyester ribbon	F: screen consisting of alu/polyester ribbon U: no screen
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 LCS<sup>3</sup> systems

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

## Maintenance performance

Legrand guarantees the long-term performance of the LCS<sup>3</sup> system by providing a 25-year performance guarantee



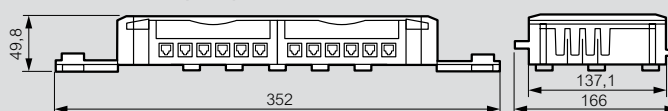
## Performance in case of installation with zone distribution box (consolidation point)

Maximum recommended lengths for the connections, in order to guarantee system performance when using copper feedthrough RJ 45 sockets and/or RJ 45 sockets

	Associated length (m)		Connections
	Cords	Cables	
Cat. 6 <sub>A</sub>	8	70	78
	15	60	75
	20	55	75
Cat. 6	8	70	78
	15	60	75
	20	55	75
Cat. 5e	8	75	83
	15	65	80
	20	60	80

The use of cables as short as possible is recommended, in order to increase flexibility as far as cord lengths in case of reconfiguration

## Dimensions (mm)



[www.legrand.fr](http://www.legrand.fr) The Innoval training center gives the possibility of obtaining LCS<sup>3</sup> approval at [legrand.com](http://legrand.com)

[www.legrand.fr](http://www.legrand.fr) **25-year guarantee:** Legrand guarantees the long term performance of the LCS<sup>3</sup> system at [legrand.com](http://legrand.com)

## Technical characteristics

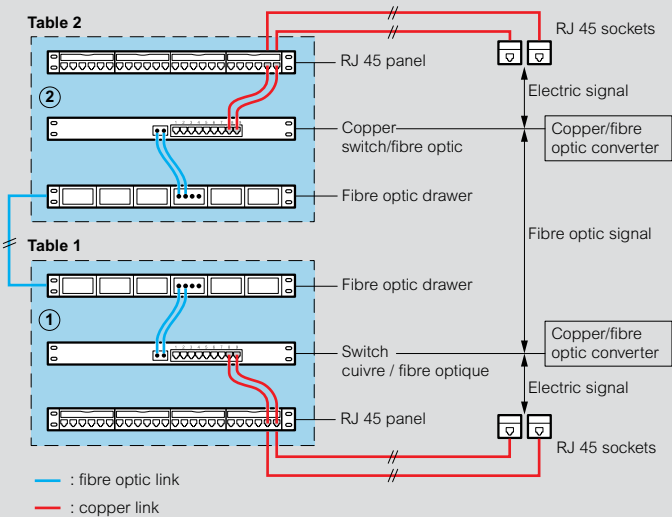
- Connectors connected using 900 µm and 250 µm fibre optics
- Maximum weakening 0.3 dB
- Perfectly suited for high delivery systems: 10 Gigabit Ethernet
- Operating temperature: from 0 to 65°C
- Shallow depth connectors

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

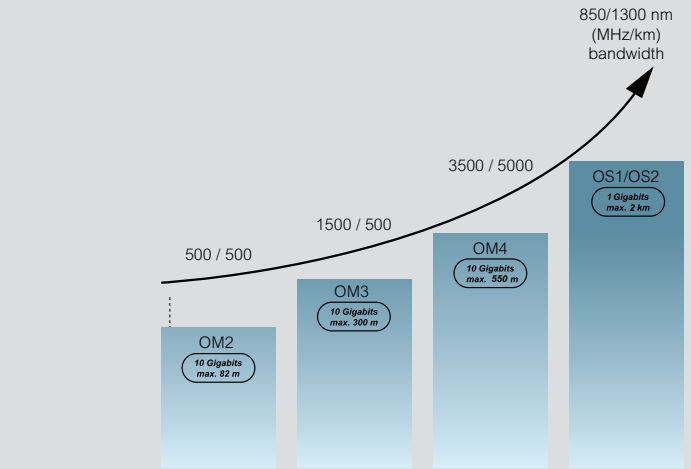
### Optical connection parameters according to ISO 11801 / EN 50173

Parameter	Multimodes		Singlemode	
	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)	Multimodes			Singlemode
	OM2	OM3	OM4	OS1/OS2
10 Gigabit Ethernet (base S/R)	82 m	300 m	550 m <sup>(1)</sup>	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

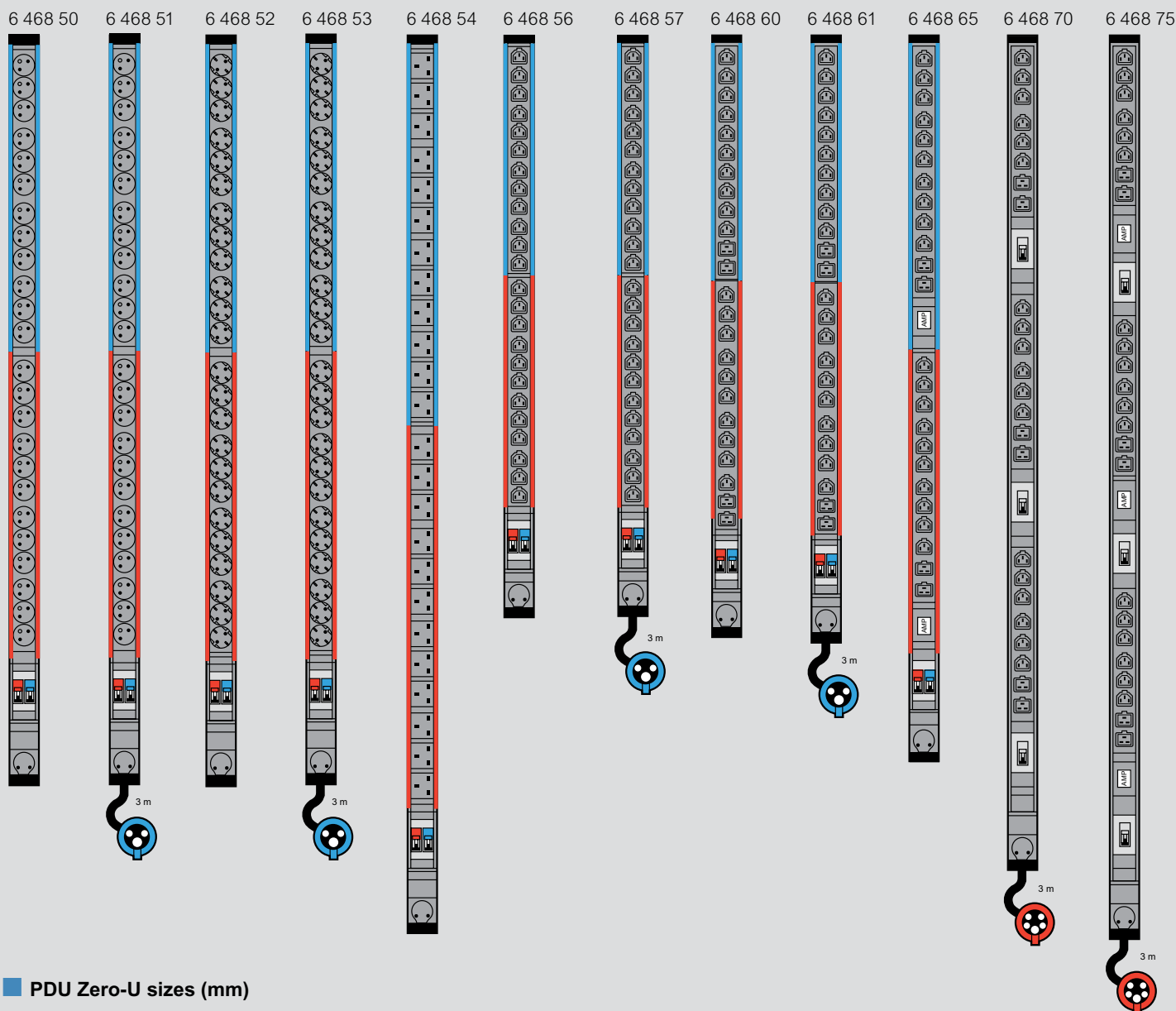
1: Technical solution using a fibre optic cable with maximum attenuation 3 dB/km and a wave length of 850 nm



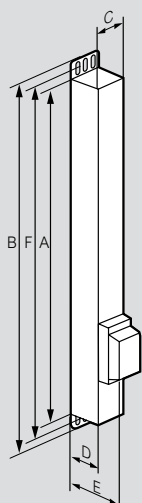
# Legrand cabling system LCS<sup>3</sup> Energy distribution

## PDU Zero-U

### PDU Zero-U



### PDU Zero-U sizes (mm)



Cat.Nos	Height		Width C	Depth			Fixing centers (mini-maxi) F <sup>(1)</sup>
	A	B <sup>(1)</sup>		D	E <sup>(2)</sup>		
<b>6 468 50</b>	1250	1294	52	52.5	87	1262-1292	
<b>6 468 51</b>	1250	1294	52	52.5	87	1262-1292	
<b>6 468 52</b>	1250	1294	52	52.5	87	1262-1292	
<b>6 468 53</b>	1250	1294	52	52.5	87	1262-1292	
<b>6 468 54</b>	1466	1510	52	52.5	87	1478-1508	
<b>6 468 56</b>	1034	1078	52	52.5	87	1046-1076	
<b>6 468 57</b>	1034	1078	52	52.5	87	1046-1076	
<b>6 468 60</b>	1070	1114	52	52.5	87	1082-1112	
<b>6 468 61</b>	1070	1114	52	52.5	87	1082-1112	
<b>6 468 65</b>	1160	1204	52	52.5	87	1172-1202	
<b>6 468 70</b>	1340	1384	52	52.5	87	1352-1382	
<b>6 468 75</b>	1475	1519	52	52.5	87	1487-1517	

1 : Overall height with standard brackets (screw fixing)  
2 : Overall depth at the circuit breaker slot









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#### YOUR CONTACT IN THAILAND

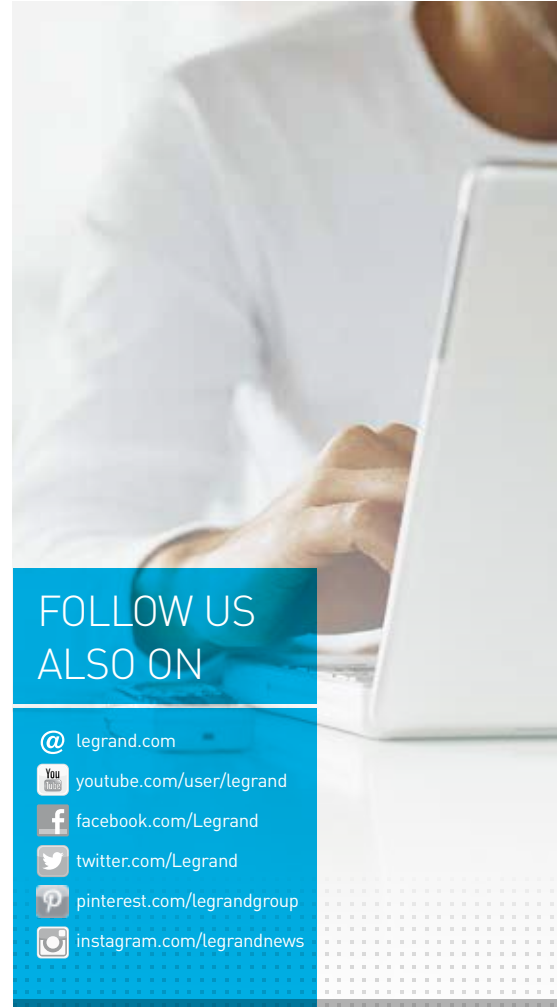
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