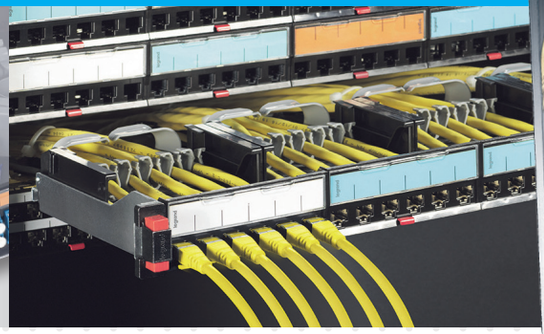
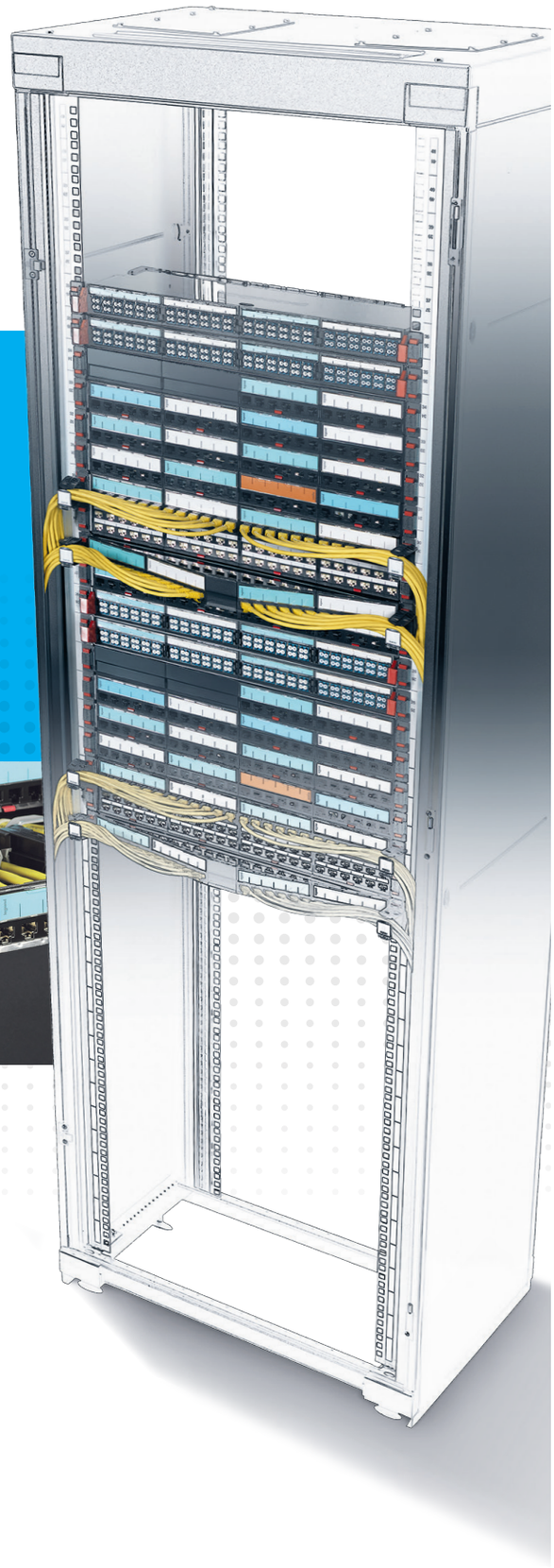
PRODUCT GUIDE

LCS 3

3 DIMENSIONS OF EXCELLENCE

PERFORMANCE ⬢ SCALABILITY ⬢ EFFICIENCY





DATA CENTER
LOCAL AREA NETWORK

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

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LIVE THE ADVANTAGE

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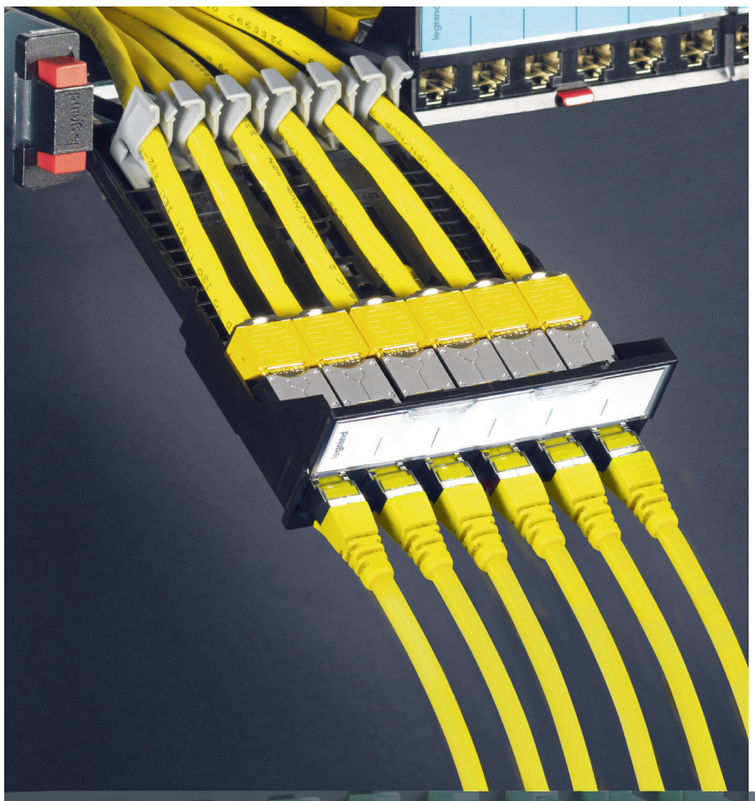

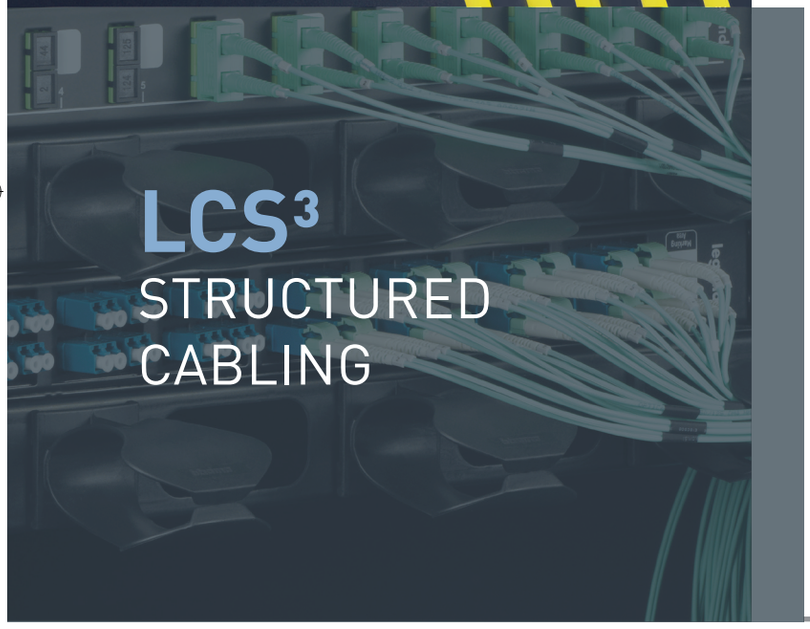

LCS³
STRUCTURED CABLING

LCS³ copper

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Connectivity and housing selection tables

NEW
P. 20
Cat. 6 LCS³ patch panels

P. 30
Splitter sockets, adapters and accessories

LCS³ fibre optic

NEW
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19" fibre optic drawers, LCS³ fibre optic blocks

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LCS³ preterminated fibre optic and cable solutions

LCS³ Enclosures

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P. 45
Server cabinet & accessories

NEW
P. 51
Cabling cabinets & accessories

LCS³ Energy distribution

NEW
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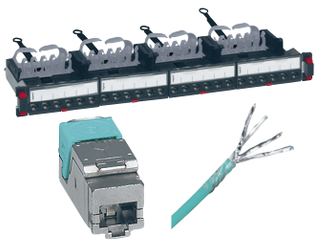
PDUs

NEW 2017



LCS³ copper system
patch panels, individual connectors, cat. 8, 6_A, 6 and 5e

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

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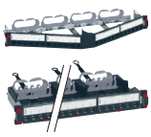

NEW
P. 13
Cat. 8
LCS³
patch panels

NEW
P.15
Cat. 8
LCS³
cables and
cords

NEW
P. 19
Cat. 6_A
LCS³
patch panels

P. 18
Cat. 6_A
RJ 45 LCS³ cables
and cords

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Cat. 6
RJ 45 LCS³
cables and
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NEW
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Cat. 5e
LCS³
patch panels

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Cat. 5e
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cables, cords
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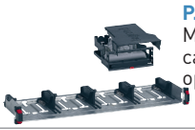
P. 31-34
Audio/Video
preterminated
sockets

P. 35
Audio/Video
patch panels,
cords and cables

P. 36
Kits



NEW
P. 39
Modular panels,
cassettes for LCS³ fibre
optic drawers

NEW
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LCS³ pigtails,
case and
quick-connect
connectors

NEW
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LCS³ High Density
and Very High
Density drawers
and cassettes

NEW
P. 44
LCS³
patch
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NEW
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Aisle
containment

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MiniCube

NEW
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Cabling Openrack
& accessories

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P. 53
Wall mounting
enclosures

NEW
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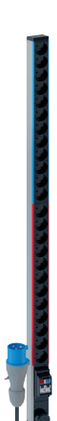
19" accessories

LCS³
Enclosures



LCS³
Energy distribution

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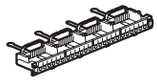
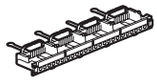
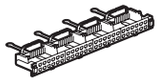
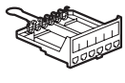
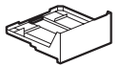
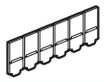
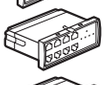
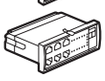
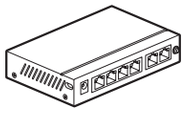
Connectivity and housing selection tables

configure your system (continued)

LCS³ AND LCS² PANELS AND CONNECTOR BLOCKS			LCS³ with new generation Quick-Fix		
			Cat. 8	Cat. 6_A	Cat. 6
	1 U patch panels equipped with 24 connectors	STP	0 337 82(2)	0 337 72(2)	0 337 62(2)
		UTP	-	0 337 70(2)	0 337 60(2)
		FTP	-	-	0 337 61(2)
	1 U patch panel to be equipped	With cassette	0 337 90(2)	0 337 90(2)	0 337 90(2)
		Without cassette	0 337 91(2)	0 337 91(2)	0 337 91(2)
			-	-	-
	High density 1 U patch panels to be equipped with 48 ports		-	0 337 93(2)	0 337 93(2)
	1 U angled patch panel to be equipped		0 337 92(2)	0 337 92(2)	0 337 92(2)
	1 U high density angled patch panel to be equipped		-	0 337 94(2)	0 337 94(2)
	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	-	-	-
		FTP	-	-	-
	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
	Angled panel cover		0 337 58	0 337 58	0 337 58
	Port blanking modules		0 337 56	0 337 56	0 337 56

COMPLEMENTARY LCS² PANELS AND BLOCKS			
			LCS³
	1 U telephone panels equipped with 4 x 12 port blocks	3-6/4-5 contacts (digital)	0 335 31
		4-5/7-8 contacts (analogue)	0 335 30
	Telephone blocks equipped with 12 ports	3-6/4-5 contacts (digital)	0 335 33
		4-5/7-8 contacts (analogue)	0 335 32
	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

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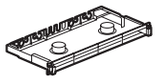
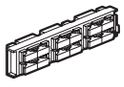
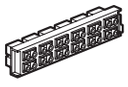
Connectivity and housing selection tables

configure your system (continued)

LCS³ 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	

LCS³ 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(1) 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

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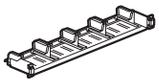
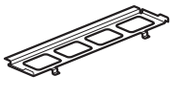
Connectivity and housing selection tables

configure your system (continued)

LCS³ 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
LCS³ 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(1) 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(1) adapter		0 321 33
	Multimode 4 MTP(1) adapter		0 321 34

1: MTP is a registered trademark of US Conec Ltd

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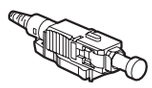
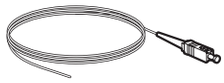
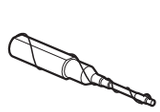
Connectivity and housing selection tables

configure your system (continued)

LCS³ 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

LCS³ 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[1]	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

1: MTP is a registered trademark of US Conec Ltd

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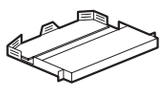
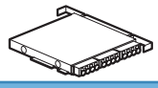
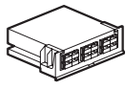
Connectivity and housing selection tables

configure your system (continued)

LCS³ 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(1) (MPO compatible) adapters	**Multimode**	0 321 56
		Singlemode	0 321 57
	12 LC multimode adapter		0 321 58
LCS³ 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
LCS³ EQUIPMENT			
	MTP(1) (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
LCS³ MTP(1) HIGH DENSITY CASSETTES (MPO COMPATIBLE) FOR MODULAR PANELS			
	**OM4 multimode MTP(1) cassettes (50/125 µm)**	**24 LC**	0 321 42
		12 LC	0 321 43
	OS2 single-mode MTP(1) 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(1) adapters (for installation in splice cassettes)	**Single-mode 4 MTP(1) adapter**	0 321 33
		Multimode 4 MTP(1) adapter	0 321 34

1: MTP is a registered trademark of US Conec Ltd

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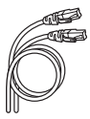
Connectivity and housing selection tables

configure your system (continued)

RJ 45 PATCH AND USER CORDS					LCS³		
					Cat. 8	Cat. 6_A	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	-
					-	0 518 68	-
				5 m	-	0 518 73	-
					-	0 518 69	-
		F/UTP	Impedance 100 Ω	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
		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
					-	-	0 518 60
				5 m	-	-	0 518 65
					-	-	0 518 61

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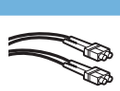
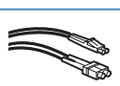
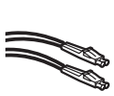
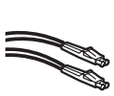
Connectivity and housing selection tables

configure your system (continued)

RJ 45 PATCH AND USER CORDS					LCS³		
					Cat. 8	Cat. 6_A	Cat. 6
	PVC	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
		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
COPPER CABLES (305 M OR 500 M DRUMS)							
	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**
			2 x 4 pairs	500 m	-	0 328 78	**0 327 76**
	F/FTP		4 pairs	500 m	-	0 327 99	-
			2 x 4 pairs	500 m	-	0 327 98	-

LCS³ FIBRE OPTIC PATCH PANELS				OS 2 (UPC) single-mode 9/125 µm	OM 4 multimode 50/125 µm	OM 3 multimode 50/125 µm
	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	-

LCS³ FIBRE OPTIC CABLES (DRUMS)						
	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

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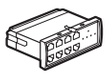
Connectivity and housing selection table

configure your system (continued)

PLAIN ARTEOR RJ 45 SOCKETS			Cat. 6_A	Cat. 6	Cat.5e
	1 Module	STP	5 734 32	5 723 23	-
		FTP	-	5 723 22	5 734 30
		UTP	5 723 49	5 734 28	5 734 29
	2 Module	STP	-	5 723 17	-
		FTP	-	5 723 16	-
		UTP	-	5 734 74	5 734 75
	1 Module with Orange Shutter	STP	5 723 51	-	-
		FTP	-	-	-
		UTP	5 723 58	5 723 54	-
	1 Module with Green Shutter	STP	5 723 52	-	-
		FTP	-	-	-
		UTP	5 723 59	5 723 55	-
	With Controlled Access	STP	5 723 50	-	-
		FTP	-	-	-
		UTP	5 723 57	5 723 53	-
	Copper Feedthroughs	STP	-	-	-
		FTP	-	5 723 33	5 723 32
		UTP	-	5 723 31	5 723 30
	Retractable	STP	-	-	-
		FTP	-	-	-
		UTP	-	5 723 39	-

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_A	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	-	**0 335 65**
		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

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Connectivity and housing selection tables

configure your system (continued)

LCS³ 19" SERVER ENCLOSURES (WITHOUT SIDE PANELS)			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
LCS³ 19" SERVER ENCLOSURES (WITHOUT SIDE PANELS) - WITH AIRFLOW MANAGEMENT					
	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
LCS³ 19" SIDE PANELS - SET OF 2 INCLUDED PLINTHS					
	42 U	-	4 460 24	4 460 25	4 460 26
	46 U	-	4 460 27	4 460 28	4 460 29
LCS³ 19" SERVER ENCLOSURES - FLAT PACK (WITH SIDE PANELS)					
	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
LCS³ 19" CABLING CABINETS			**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	-
LCS³ 19" WALL MOUNTED ENCLOSURES			**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	-
LCS³ ZERO-U SINGLE PHASE VERTICAL PDU - POWER DISTRIBUTION UNITS			**Connection on 6 mm² terminal block**	**3m cord on 32A 2P+E plug**	**With Ammeter**
	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
LCS³ ZERO-U 3 PHASES VERTICAL PDU - POWER DISTRIBUTION UNITS					
	18 C13 outlets	6 C19 outlets	-	6 468 70	-
	20 C13 outlets	4 C19 outlets	-	-	6 468 75

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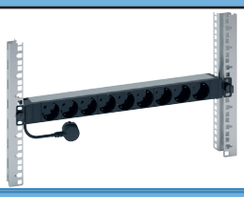
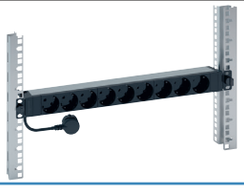
Connectivity and housing selection tables

configure your system (continued)

LCS³ 1 U 19" SINGLE PHASE PDU - POWER DISTRIBUTION UNITS			Connection on 6 mm² terminal block	3 m cord on 16 A plug
	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	-

LCS³ 1 U 19" SINGLE PHASE PDU - POWER DISTRIBUTION UNITS			With MCB	With 30 mA RCCB	With Surge protection	With Ammeter
	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

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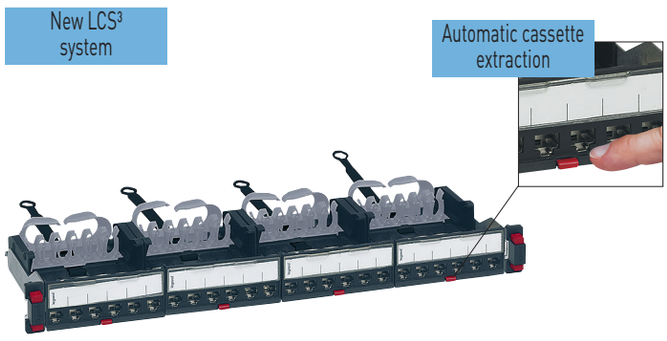
Legrand cabling system LCS³ cat. 8

flat equipped patch panel

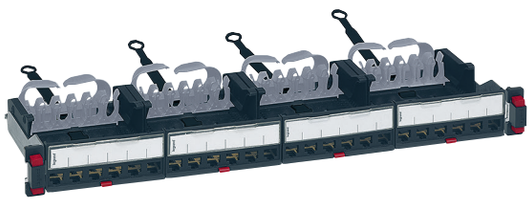


0 337 82

Pack	Cat.Nos	Cat. 8 patch panel equipped with 24 RJ 45 connectors
		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 Equipped with 4 cassettes of 6 cat. 8 RJ 45 LCS³ 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" patch panel - 1 U Automatic cassette removal by simple pressure Possibility of individual extraction of each connector
		Flat panel
1	0 337 82	STP panel - Metal shielding

Legrand cabling system LCS³ cat. 8

flat patch panels to be equipped



0 337 90

Pack	Cat.Nos	Flat 24-connector patch panels - 1 U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure. The panels ensure automatic earthing of each connector. Equipped with rear cable guide to hold the cables during maintenance
		Flat panel with empty cassettes to be equipped with connectors Equipped with 4 automatic extraction cassette for cat. 5e to cat. 8 RJ 45 connectors
1	0 337 90	19" patch panel - 1 U
		Empty flat panel to be equipped with cassette It can accept a maximum of 4 automatic extraction cassettes: - copper - fibre optic
1	0 337 91	19" patch panel - 1 U

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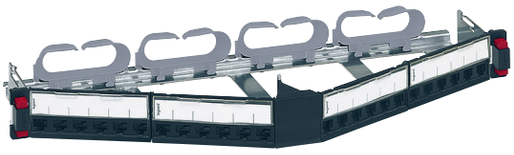
Legrand cabling system LCS³ cat. 8

angled patch panel to be equipped with connectors



0 337 92

0 337 85

Pack	Cat.Nos	Angled 24-connector patch panel - 1 U
		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 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 92	19" panel - 1 U
		Cat. 8 RJ 45 connectors for flat and angled STP panel
		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
1	0 337 85	Set of 6 RJ 45 connectors For installation in the cassettes of flat or angled panels

Legrand cabling system LCS³ cat. 8

equipment and accessories

0 337 56

0 337 59

0 337 55

0 337 57

0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
		Port blanking modules
10	0 337 56	Divisible 6 port blanking plate for sealing from 1 to 6 ports
		Cord management
1	0 337 59	2 cord management for use with new generation Quick-Fix They provide side cord management
		Specific accessories for flat panels
		Cassette for flat panels to be equipped
1	0 337 55	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
		Blanking cassette
1	0 337 57	Used to blank the panel
		Specific accessories for angled panels
		Angled panel cover
1	0 337 58	For optimised management of the air flow inside the cabinet

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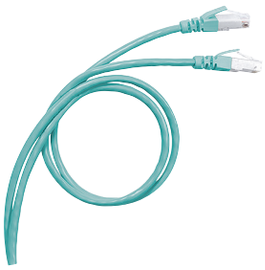
Legrand cabling system LCS³ cat. 8

cables and cords

0 337 88



0 337 03

0 518 90

Pack	Cat.Nos	Cat. 8 local network cables
		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
		F/UTP - 4 pairs Performance 2000 MHz
500[1]	0 337 86	Length 500 m supplied on drum. Weight 42 kg
		S/FTP - 4 pairs Performance 2000 MHz
500[1]	0 337 88	Length 500 m supplied on drum. Weight 45 kg

Pack	Cat.Nos	Cat. 8 RJ 45 patch cords
		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
	LSZH RAL 6027	**S/FTP shielded, impedance 100 Ω**
	0 337 01	Length 0.5 m
	0 337 02	Length 1 m
	0 337 03	Length 2 m
	0 337 04	Length 3 m
	0 337 05	Length 5 m
	0 337 06	Length 8 m
	0 337 07	Length 10 m

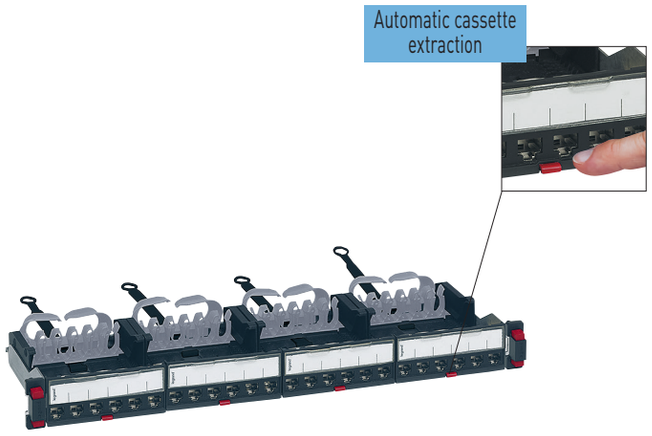
Pack	LSZH RAL 3020	LSZH RAL 6026	
1	0 337 21	0 337 08	Length 0.5 m
	0 337 22	0 337 09	Length 1 m
	0 337 23	0 337 10	Length 2 m
	0 337 24	0 337 11	Length 3 m
	0 337 25	0 337 12	Length 5 m
	0 337 26	0 337 13	Length 8 m
1	0 337 27	0 337 17	Length 10 m

Pack	Cat.Nos	Marking kit
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 LCS³ cat. 6_A

flat equipped patch panels



0 337 72

Pack	Cat.Nos	Cat. 6_A patch panels equipped with 24 RJ 45 connectors
		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_A RJ 45 LCS³ 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
		Flat panels 24 RJ 45 connectors - 1 U
1	0 337 70	UTP
1	0 337 72	STP

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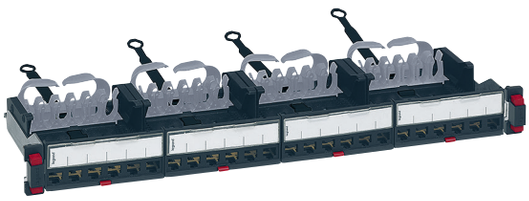
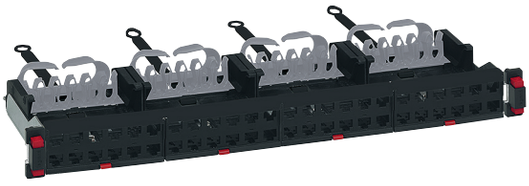
Legrand cabling system LCS³ cat. 6_A

flat patch panels to be equipped



0 337 90



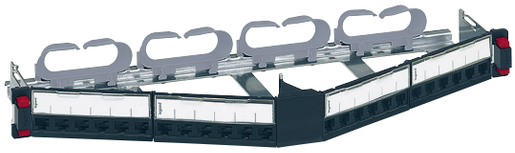
0 337 93

Pack	Cat.Nos	Flat 24-connector patch panels - 1 U to be equipped
		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
		Flat panel with empty cassettes to be equipped with connectors Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors
1	0 337 90	19" panel - 1 U
		Empty flat panel to be equipped with cassettes It can accept a maximum of 4 automatic extraction cassettes: - copper - fibre optic
1	0 337 91	19" panel - 1 U

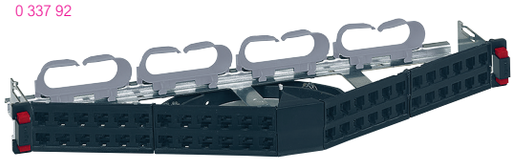
Pack	Cat.Nos	Flat high density 48-connector patch panel - 1 U to be equipped
		Universal mounting on any cabinet or enclosure The panel ensures automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Automatic cassette removal by simple pressure Possibility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

Legrand cabling system LCS³ cat. 6_A

angled patch panels to be equipped with connectors



0 337 92



0 337 94

0 337 75

Pack	Cat.Nos	Angled 24-connector patch panel - 1 U
		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 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 92	19" panel - 1 U

Pack	Cat.Nos	Angled high density 48-connector patch panel - 1 U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure 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_A RJ 45 connectors
1	0 337 94	19" panel - 1 U

Pack	Cat.Nos	High density cat. 6_A RJ 45 connectors
		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_A RJ 45 connectors
1	0 337 73	UTP
1	0 337 75	STP

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0 337 56

0 337 59

0 337 55

0 337 57

0 337 58

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

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

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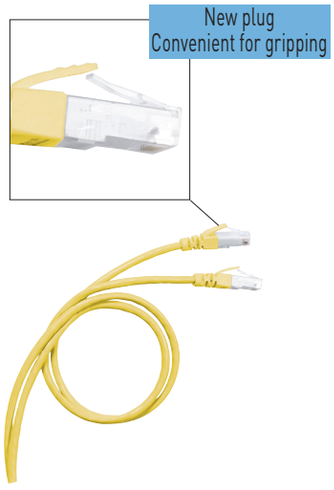
Legrand cabling system LCS³ cat. 6$_A$

cables and cords

0 327 77



0 517 82

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

1: in metre(s)

Pack	Cat.Nos	RJ 45 patch cords and user cords cat. 6A
		RJ 45 - RJ 45 right Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C
	PVC	
		U/UTP unscreened impedance 100 Ω
1	0 518 82	Length 1 m
1	0 518 83	Length 2 m
1	0 518 84	Length 3 m
1	0 518 85	Length 5 m
	LSZH	
1	0 518 78	Length 1 m
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
	PVC	**S/FTP shielded impedance 100 Ω**
1	0 518 16	Length 0.5 m
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
	LSZH	
1	0 518 70	Length 1 m
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

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Legrand cabling system LCS³ category 6$_A$

RJ 45 sockets

5 734 32

5 723 57

Sockets with LCS³ quick-fixing crimp connector
Take AWG 22 single-core cables up to AWG 26 and
AWG multicore cables
Contacts marked with dual colour code and wiring schemes
T 568 A and T 568 B
Conform to standards ISO/IEC 11801 Ed. 2.0, amendment 2, EN 50173-1 and TIA/EIA 568C

Pack	Cat.Nos	**Arteor RJ 45 socket cat. 6$_A$**
		360° metal shielding
		STP - 1 module
20	5 734 32	○ White
10	5 728 06	● Magnesium
10	5 723 52	○ White with green shutter
10	5 728 52	● Magnesium with green shutter
10	5 723 51	○ White with orange shutter
10	5 728 51	● Magnesium with orange shutter
		STP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 50	○ White with red shutter
5	5 728 50	● Magnesium with red shutter
		UTP - 1 module
10	5 723 49	○ White
10	5 728 49	● Magnesium
10	5 723 59	○ White with green shutter
10	5 728 59	● Magnesium with green shutter
10	5 723 58	○ White with orange shutter
10	5 728 58	● Magnesium with orange shutter
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 57	○ White with red shutter
5	5 728 57	● Magnesium with red shutter

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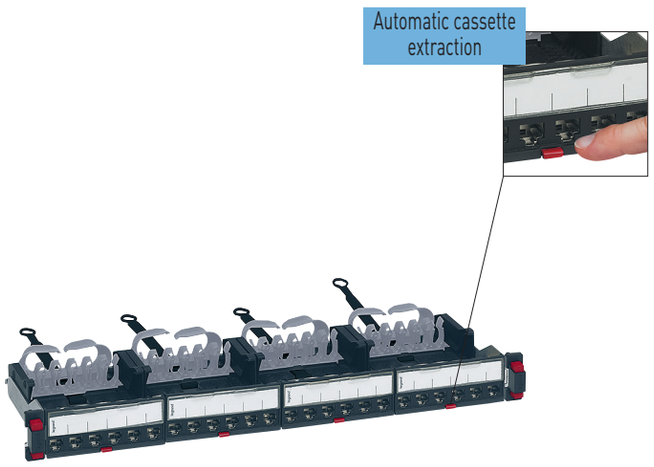
Legrand cabling system LCS³ cat. 6

flat equipped patch panels

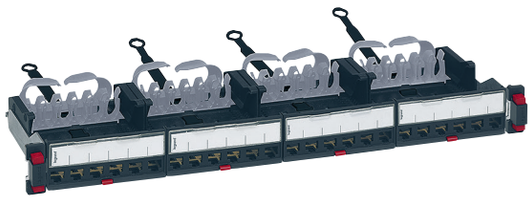


0 337 61

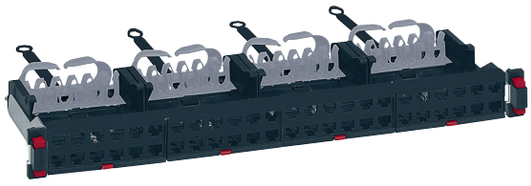
Pack	Cat.Nos	**Cat. 6 patch panels equipped with 24 RJ 45 connectors**
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure The panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Equipped with 4 cassettes of 6 cat. 6 RJ 45 LCS³ quick-connect connectors (no tools required), with 568 A/B marking Supplied with numbered 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
		Flat panels 24 RJ 45 connectors - 1 U
1	0 337 60	UTP
1	**0 337 61**	FTP
1	0 337 62	STP

Legrand cabling system LCS³ cat. 6

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**
		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
		Flat panel with empty cassettes to be equipped with connectors Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors
1	0 337 90	19" panel - 1 U
		Empty flat panel to be equipped with cassettes It can accept a maximum of 4 automatic extraction cassettes: - copper - fibre optic
1	0 337 91	19" patch panel - 1 U

Pack	Cat.Nos	**Flat high density 48-connector patch panel - 1 U to be equipped**
		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
1	0 337 93	19" panel - 1 U

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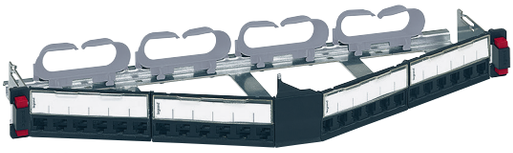
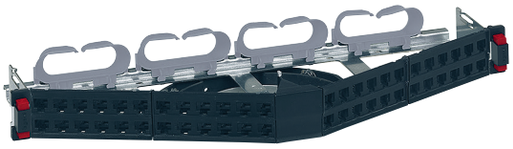
Legrand cabling system LCS³ cat. 6

angled patch panels to be equipped with connectors



0 337 92



0 337 94

0 337 63

Pack	Cat.Nos	Angled 24-connector patch panels - 1 U
		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 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 92	19" panel - 1 U

Pack	Cat.Nos	Angled high density 48-connector patch panel - 1 U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure 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_A RJ 45 connectors
1	0 337 94	19" panel - 1 U

Pack	Cat.Nos	Cat. 6 high density RJ 45 connectors
		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
1	0 337 63	UTP
1	**0 337 64**	FTP
1	0 337 65	STP

Legrand cabling system LCS³ cat. 6

equipment and accessories

0 337 56

0 337 59

0 337 55

0 337 57

0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
		Port blanking modules
10	0 337 56	Divisible 6 port blanking plate For sealing from 1 to 6 ports
		Cord management
1	0 337 59	For use with new generation Quick-Fix; they provide side cord management

		Specific accessories for flat panels
		Cassette for flat panels to be equipped
1	0 337 55	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
		High density cassette for flat panels to be equipped
1	0 337 95	Empty removable cassette to be equipped with connectors; it can accept 12 cat. 5e to cat. 6_A connectors Extraction by simple pressure of the cassette, making installation and maintenance easier Possibility of removing each connector individually
		Blanking cassette
1	0 337 57	Used to blank the panel

		Specific accessories for angled panels
		Angled panel cover
1	0 337 58	For optimised management of the air flow inside the cabinet

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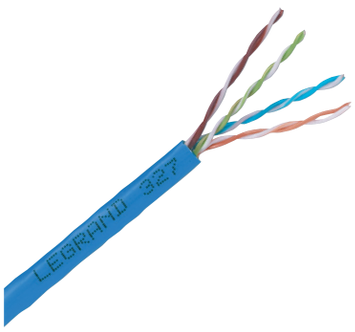
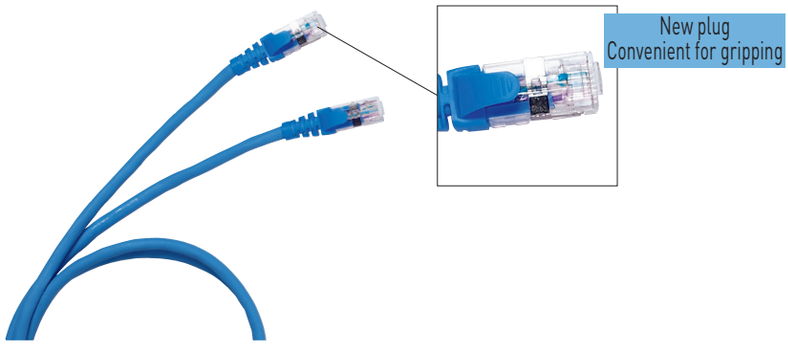
Legrand cabling system LCS³ cat. 6

cables and cords



0 327 54



0 517 62

Pack	Cat.Nos	Cables for cat. 6 LANs
		Cables with 4 pairs or 2 x 4 twisted pairs 100 ohms. Colour code TIA/EIA Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568 C
	LSZH	**U/UTP - 4 pairs**
305[1]	0 327 54I	Length 305 m. Supplied in cardboard box Weight 16 kg., Violet RAL 4005
500[1]	0 328 61	Length 500 m. Supplied on reel. Weight 18 kg. Blue RAL 5015
	PVC	
305[1]	0 327 55W	Length 305 m Supplied in cardboard box, Weight 13 kg., White RAL 9003, MOQ 50 Box
305[1]	0 327 55	Length 305 m Supplied in cardboard box Weight 13 kg. Blue RAL 5015
305[1]	0 327 55O	Length 305 m Supplied in cardboard box, Weight 13 kg., Orange RAL 2008, MOQ 50 Box
305[1]	0 327 55G	Length 305 m Supplied in cardboard box, Weight 13 kg., Green RAL 6018/6024, MOQ 50 Box
	LSZH / PVC	**U/UTP - 4 pairs**
305[1]	0 327 54	Length 305 m Supplied in cardboard box. Weight 16 kg
500[1]	0 328 61	Length 500 m Supplied on reel. Weight 18 kg
305[1]	0 327 55	Length 305m Supplied in cardboard box. Weight 13 kg
		F/UTP - 4 pairs
305[1]	0 328 56	Length 305 m. Supplied on reel. Weight 17 kg
500[1]	0 327 56	Length 500 m. Supplied on reel. Weight 25 kg
		F/UTP - 4 pairs
305[1]	0 328 57	Length 305 m Supplied in cardboard box. Weight 17 kg
500[1]	0 327 58	Length 500 m Supplied on reel. Weight 25 kg
		F/UTP - 2 x 4 pairs
500[1]	0 327 76	Length 500 m. Supplied on reel. Weight 48 kg
		SF/UTP - 4 pairs
500[1]	0 327 57	Length 500 m.Supplied on reel. Weight 29 kg
500[1]	0 327 59	Length 500 m. Supplied on reel. Weight 30 kg
	0 327 98	**F/FTP - 2 x 4 pairs** Length 500 m. Weight 62 kg
	0 327 99	**F/FTP - 4 pairs** 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
	PVC	**U/UTP unscreened impedance 100 Ω**
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
	LSZH	
1	0 518 62 / 0 518 58	Length 1 m
1	0 518 63 / 0 518 59	Length 2 m
1	0 518 64 / 0 518 60	Length 3 m
1	0 518 65 / 0 518 61	Length 5 m
	PVC	**F/UTP screened impedance 100 Ω**
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
	LSZH	
1	0 518 54 / 0 518 50	Length 1 m
1	0 518 55 / 0 518 51	Length 2 m
1	0 518 56 / 0 518 52	Length 3 m
1	0 518 57 / 0 518 53	Length 5 m
	PVC	**SF/UTP shielded impedance 100 Ω**
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

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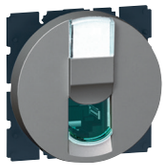
Legrand cabling system LCS³ category 6

RJ 45 sockets

5 736 28


5 728 24

6 755 45

6 730 56

0 778 91

0 695 69

0 904 67

Sockets with LCS³ quick-fixing crimp connector. Take AWG 22 single-core cables up to AWG 26 and AWG 24 multicore cables. Contacts marked with dual colour code and wiring schemes T 568 A and T 568 B. Conforming to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568

Arteor RJ 45 socket cat. 6

Pack	Cat.Nos	
		UTP - 1 module
20	5 734 28	○ White
20	5 736 28	● Magnesium
10	5 723 54	○ White with orange shutter
10	5 728 54	● Magnesium with orange shutter
10	5 723 55	○ White with green shutter
10	5 728 55	● Magnesium with green shutter
		UTP - 2 modules
10	5 734 74	○ White
10	5 736 74	● Magnesium
		UTP - 2 modules - round
10	5 723 24	○ White
10	5 728 24	● Magnesium
		UTP with controlled access - 2 modules
		Supplied with 2 keys for 5 sockets
5	5 723 53	○ White with red shutter
5	5 728 53	● Magnesium with red shutter
		UTP retractable RJ 45 sockets - 4 modules
		With integrated retractable cord (0.9 m)
		Winds up automatically with a pushbutton
1	5 723 39	○ White
1	5 728 39	● Magnesium
		FTP - 1 module
10	5 723 22	○ White
10	5 728 22	● Magnesium
		FTP - 2 modules
10	5 734 76	○ White
10	5 736 76	● Magnesium
		Shielded STP - 1 module
10	5 734 34	○ White
10	5 736 34	● Magnesium
		Shielded STP - 2 modules
10	5 734 77	○ White
10	5 736 77	● Magnesium

Mylinc RJ 45 socket cat. 6

Pack	Cat.Nos	
		UTP - 1 module
20	6 755 45	○ White

Myrius RJ 45 sockets cat. 6

Pack	Cat.Nos	
		UTP - 1 module
20	6 730 55	○ White
20	6 731 55	● Black
		UTP - 2 modules
20	6 730 56	○ White
20	6 731 56	● Black

Soliroc RJ 45 sockets cat. 6 - IK 10

Pack	Cat.Nos	
10	0 778 91	IP 20 For at-risk areas or areas with no surveillance FTP socket

Plexo RJ 45 sockets cat. 6 - IP 55 closed flap IK 07

Pack	Cat.Nos	
		Protection against water, dust. For industrial sites
5/100	0 695 69	FTP socket ◐ Grey/white
1/20	0 695 61	UTP socket ◐ Grey/white
1	0 695 81	Adaptor for RJ 45 socket Weatherproofing ensured (IP 44) plug inserted ◐ Grey/white

Plexo 66 RJ 45 socket cat. 6 - IP 66 - IK 08

Pack	Cat.Nos	
		FTP socket
1	0 904 67	9 contacts Weatherproofing ensured (IP 66) with plug inserted Inclined 90° ● Grey RAL 7016/T029

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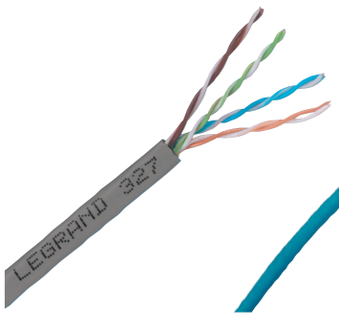
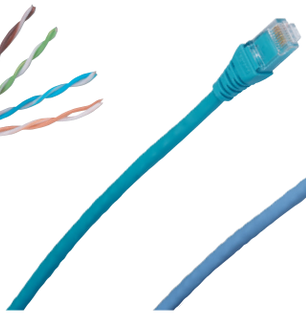
Legrand standard solution category 6

6 327 91

0 765 88



6 327 24



6 327 60

6 327 50

Pack	Cat.Nos	**Patch panels cat. 6 24 x RJ 45 connectors, for unshielded keystone**
1	6 327 91	Universal mounting for all freestanding or wall-mounted cabinets Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-2 and TIA/EIA 568 Modular Empty panel for 24 unshielded keystone jacks cat 6 and cat 5e supply with rear plastic cable support
10	0 765 88	**Keystone RJ 45 sockets cat. 6** Cat 6 UTP socket with fast connection thanks to integrated crimping
20	6 327 79	**Surface mounting box** 1 or 2 ports For keystone connectors Provides solution for integration of keystone in surface mounting installations

Pack	Cat.Nos	**Cables for cat 6 LANs 24 AWG**
		Cables with 4 pairs twisted pairs 100 Ω Color code TIA/EIA Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568C **U/UTP - 4 Pairs**
305	6 327 24	Length 305 m Supplied in cardboard box Weight 16 kg. Dark grey RAL 7037
305	6 327 24W	Length 305 m Supplied in cardboard box Weight 16 kg. White RAL 9003. MOQ - 50 box
305	6 327 24O	Length 305 m Supplied in cardboard box Weight 16 kg. Orange RAL 2008 MOQ 50 Box
305	6 327 24G	Length 305 m Supplied in cardboard box Weight 16 kg. Green RAL 6018 / 6024 MOQ 50 Box
		Patch cords RJ 45 - RJ 45 PVC
		U/UTP cat. 6 unscreened impedance 100 Ω Light blue
20	6 327 50	Length 1 m
20	6 327 51	Length 1.5 m
20	6 327 52	Length 2 m
20	6 327 53	Length 3 m
20	6 327 54	Length 5 m
		F/UTP cat. 6 screened impedance 100 Ω Blue-green
20	6 327 60	Length 1 m
20	6 327 61	Length 2 m
20	6 327 62	Length 3 m
20	6 327 63	Length 5 m

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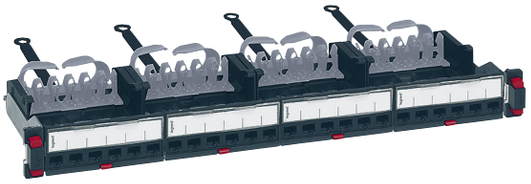
Legrand cabling system LCS³ cat. 5e

flat equipped patch panels

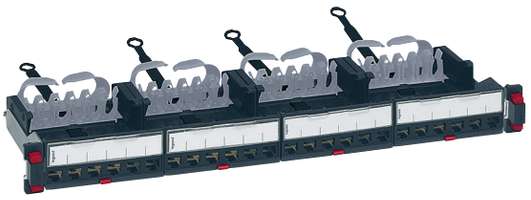


0 337 51

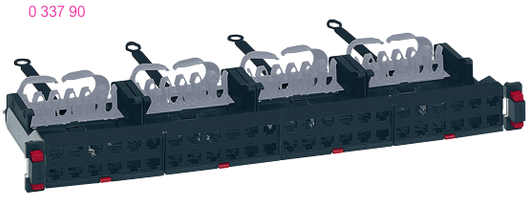
Pack	Cat.Nos	**Cat. 5e patch panels equipped with 24 RJ 45 connectors**
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure The panels ensure automatic earthing of each connector Equipped with rear cable guide to hold the cables during maintenance Equipped with 4 cassettes of 6 cat. 5e RJ 45 LCS³ 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 Possibility of removing each connector individually **Flat panel with empty cassettes to be equipped with connectors** 24 RJ 45 connectors - 1 U
1	0 337 50	UTP
1	0 337 51	FTP

Legrand cabling system LCS³ 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**
		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 **Flat panel with empty cassettes to be equipped with connectors** Equipped with 4 automatic extraction cassettes for cat. 5e to cat. 8 RJ 45 connectors
1	0 337 90	19" panel - 1 U
		Empty flat panel to be equipped with cassettes It can accept a maximum of 4 automatic extraction cassettes: - copper - fibre optic
1	0 337 91	19" panel - 1 U

Pack	Cat.Nos	**Flat high density 48-connector patch panel - 1 U to be equipped**
		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
1	0 337 93	19" panel - 1 U

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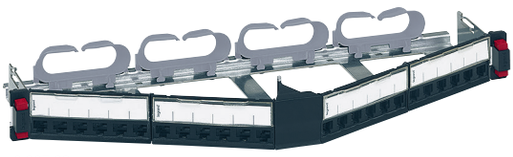
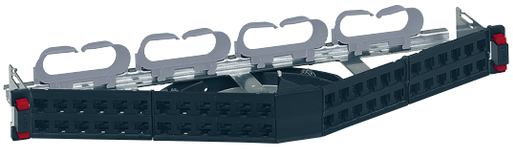
Legrand cabling system LCS³ cat. 5e

angled patch panels to be equipped with connectors



0 337 92



0 337 94

0 337 53

Pack	Cat.Nos	Angled 24-connector patch panel - 1 U
		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 24 cat. 5e to cat. 8 RJ 45 connectors
1	0 337 92	19" panel - 1 U

Pack	Cat.Nos	Angled high density 48-connector patch panel - 1 U to be equipped
		Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Universal mounting on any cabinet or enclosure 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_A RJ 45 connectors
1	0 337 94	19" panel - 1 U

Pack	Cat.Nos	Cat. 5e High density RJ 45 connectors
		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
1	0 337 53	UTP
1	0 337 54	FTP

Legrand cabling system LCS³ cat. 5e

equipment and accessories

0 337 56

0 337 59

0 337 55

0 337 57

0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
		Port blanking modules
10	0 337 56	Divisible 6 port blanking plate for sealing from 1 to 6 ports
		Cord management
1	0 337 59	For use with new generation Quick-Fix They provide side cord management

Pack	Cat.Nos	Specific accessories for flat panels
		Cassette for flat panels to be equipped
1	0 337 55	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
		High density cassette for flat panels to be equipped
1	0 337 95	Empty removable cassette to be equipped with connectors; it can accept 12 cat. 5e to cat. 6_A connectors Extraction by simple pressure of the cassette, making installation and maintenance easier Possibility of removing each connector individually
		Blanking cassette
1	0 337 57	Used to blank the panel

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

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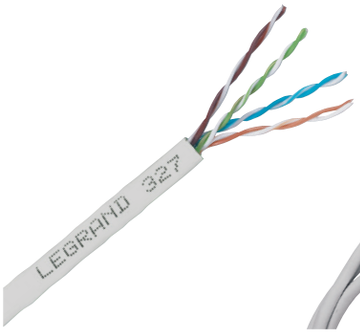
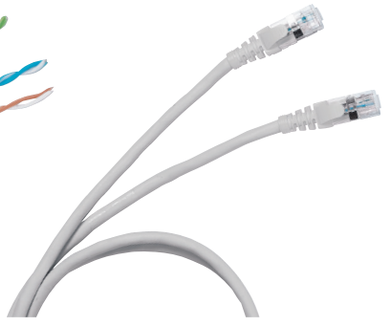
Legrand cabling system LCS³ cat. 5e

cables and cords



0 328 50



0 516 40

Cables for local networks cat. 5e

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

1: in metre(s)

RJ 45 patch cords and user cords cat. 5e

Pack	Cat.Nos PVC	
		RJ 45 - RJ 45 right
		U/UTP unscreened impedance 100 Ω
		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
		F/UTP screened impedance 100 Ω
		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

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Legrand cabling system LCS³ category 5e

RJ 45 sockets

6 731 54

5 734 29

0 695 57

Sockets with LCS³ quick-fixing crimp connector
Take AWG 22 single-core cables up to AWG 26 and AWG 26 multicore cables
Contacts marked with dual colour code and wiring schemes T 568 A and T 568 B
Side cable entry for easy installation in all supports
Conforms to standards ISO/IEC 11801 Ed. 2.0, EN 50173-1 and TIA/EIA 568

Pack	Cat.Nos	Myrius RJ 45 sockets cat. 5e
		UTP - 1 module
20	6 730 54	○ White
20	6 731 54	● Black
		Mylinc RJ 45 sockets cat. 5e
		UTP - 1 module
20	6 755 47	○ White
		Arteor RJ 45 socket cat. 5e
		UTP - 1 module
20	5 734 29	○ White
20	5 736 29	● Magnesium
		UTP - 2 modules
10	5 734 75	○ White
20	5 736 75	● Magnesium
		FTP - 1 module
20	5 734 30	○ White
20	5 736 30	● Magnesium
		Plexo RJ 45 sockets, cat. 5e - IP 55 closed flap IK 07
		Protection against water, dust
		For industrial sites
1/20	0 695 57	FTP socket ◐ Grey/White
1/20	0 695 56	UTP socket ◐ Grey/White
1	0 695 81	Adaptor for RJ 45 socket Ensures weatherproofing (IP 44) with the plug inserted ◐ Grey/White

Legrand standard solution category 5e

6 327 91

6 327 30

6 327 40

Pack	Cat.Nos	Patch panels cat. 5e 24 x RJ 45 connectors, for unshielded keystone
1	6 327 91	Universal mounting for all freestanding or wall-mounted cabinets Conform to standards ISO/IEC 11801 Ed. 2.0, EN 50173-2 and TIA/EIA 568 Modular Empty panel for 24 unshielded keystone jacks cat 6 and cat 5e supply with rear plastic cable support
		Keystone RJ 45 sockets cat. 5e
10	0 765 87	Cat 5e UTP socket with fast connection thanks to integrated crimping
		Surface mounting box
20	6 327 79	1 or 2 ports For keystone connectors Provides solution for integration of keystone in surface mounting installations
		Patch cords
		RJ 45 - RJ 45 PVC
		U/UTP cat. 5e unscreened impedance 100 Ω
		Light pink
20	6 327 30	Length 1 m
20	6 327 31	Length 1.5 m
20	6 327 32	Length 2 m
20	6 327 33	Length 3 m
20	6 327 34	Length 5 m
		F/UTP cat. 5e screened impedance 100 Ω
		Light brown
20	6 327 40	Length 1 m
20	6 327 41	Length 2 m
20	6 327 42	Length 3 m
20	6 327 43	Length 5 m

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Legrand cabling system LCS³

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

RJ 45 doubler sockets

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

Mobile doublers

		Clip into RJ 45 sockets to double applications
10	0 327 83	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

	◑ Grey/White	IP 55 - IK 07 Allow all functions to be adapted 2 Mosaic modules IP 55 operation
10	0 695 80	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)
		Soliroc adaptor Used for adapting all functions 2 Mosaic modules IK 10 - IP 55
1	0 778 80	Adaptor with flap
1	0 778 81	Adaptor without flap
		Hypra adaptor
5	0 539 49	IP 55 adaptor base

Cable protection accessories

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

RJ plugs for round cables

		Gold-coated contacts 1.2 µm
50	0 517 01	**RJ 11** 4 contacts, width 9.65 mm
50	0 517 02	**RJ 12** 6 contacts, width 9.65 mm
		RJ 45 cat. 5e
50	0 517 03	8 contacts, width 11.70 mm
50	0 517 04	9 contacts, width 11.70 mm
		RJ 45 sleeves
50	0 517 06	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
1	0 332 62	**Stripper** For twisted pair and fibre optic cable
1	0 327 60	**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
1	0 517 09	Tool with 3 crimping points High resistance steel material

110 tool

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

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Legrand cabling system LCS³

data and telephone sockets, patch panels, cables

0 787 31

0 335 79

Pack		Telephone sockets
		RJ 11 and RJ 12 sockets Equipped with a modular Jack connector with 1/4 turn terminal for fast connection Tap-off possible
10	5 723 00	○ White - RJ 11, 4 contacts 1 module
10	-	● Aluminium - RJ 11, 4 contacts - 1 module
10	5 728 00	● Magnesium - RJ 11, 4 contacts - 1 module
10	5 723 13	○ White - RJ 11, 4 contacts - 2 modules
10	5 728 13	● Magnesium - RJ 11, 4 contacts - 2 modules
10	5 723 12	○ White - RJ 12, 6 contacts - 2 modules
10	5 728 12	● Magnesium - RJ 12, 6 contacts - 2 modules
		ISDN socket Self-stripping 1/4 turn terminals for fast connection. Tap-off possible
10	-	○ White - 8 contacts, 2.5 mm² earth terminal
		Single master - 2 modules With IDC connection Conform to British Telecom
10	5 723 10	○ White
10	5 728 10	● Magnesium
		Single secondary - 1 module With IDC connection Conform to British Telecom
5	5 723 01	○ White
5	5 728 01	● Magnesium

Pack	Cat.Nos	Patch panel telephone 50 ports 110 connect
1	0 335 79	19" panel - 1 U
		Cables for telephone networks cat. 3 PVC sleeve Colour white Colour code TIA/EIA
1	0 328 91	**U/UTP - 50 pairs** Length 500 m Supplied on reel
1	0 328 88	**U/UTP - 100 pairs** Length 500 m Supplied on reel
		Panels and units for incoming telephone **Panels assembled - 1 U** Fitted with 4 LCS³ RJ 45 units of 12 ports with fast tool-free connection
1	0 335 31	3-6/4-5 contacts for digital telephone
1	0 335 30	4-5/7-8 contacts for analogue telephone
		Incoming telephone units for self-assembly panels Fitted with 12 LCS³ RJ 45 ports with quick tool-free connection
2	0 335 33	3-6/4-5 contacts for digital telephone
2	0 335 32	4-5/7-8 contacts for analogue telephone

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The right system to meet your needs

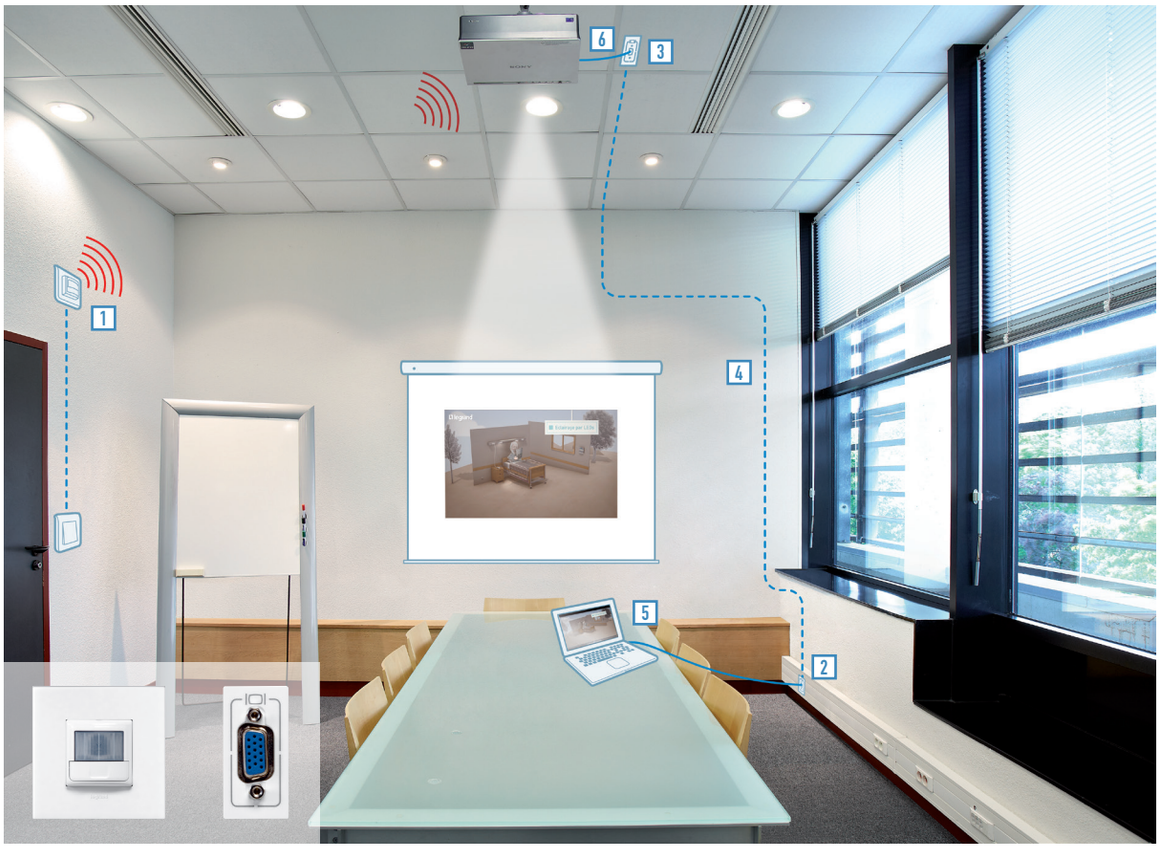
A wide range of technologies (HD15, HDMI, DISPLAY PORT, RCA, JACK) to suit the location and the user requirements

INSTALLATION EXAMPLE WITH HD15 PRETERMINATED SOCKET AND VIDEO PROJECTOR SWITCH

1 Quick installation

2 Easy connection

3 Optimum performance



1 Infrared ON/STANDBY control for video projector associated with a pushbutton
Cat.No 0 787 99/5 720 89

2 3 Preterminated HD15 sockets
Cat.No 0 787 77/5 720 97

4 10 m male/male HD15 cords
Cat.No 0 517 23

5 6 Male/male HD 15 cords

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Audio/video system

audio/video sockets

5 720 97

5 720 96

5 723 70

5 720 89

Pack	Cat.Nos	Female HD15 sockets
		Used to transmit analogue video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (video projector, TV, etc)
		Preterminated sockets - 1 module
	Arteor	Equipped with cord, length 15 cm
1	5 720 97	○ White
1	5 725 97	● Magnesium
		Screw-type female HD15 sockets - 2 modules
1	5 722 82	○ White
1	5 727 82	● Magnesium
		Screw-type female HD15 sockets 2 modules + 3.5 mm Jack
1	5 722 88	○ White
1	5 727 88	● Magnesium
		Solder-type female HD15 sockets 1 module
		15 pin
1	5 722 79	○ White
1	5 727 79	● Magnesium

Pack	Cat.Nos	HDMI type A sockets
		Used to transmit high-definition digital audio/video streams between a source (computer, HD-DVD drive, etc) and a compatible receiver (TV, video projector, etc)
		Preterminated sockets HDMI 1.4 - 1 module
	Arteor	Equipped with cord, length 15 cm
1	5 720 96	○ White
1	5 725 96	● Magnesium
		Screw-type sockets HDMI 1.3 - 2 modules
1	5 722 81	○ White
1	5 727 81	● Magnesium

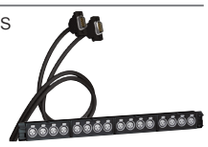
Pack	Cat.Nos	Jack sockets 3.5 mm
		3.5 mm Jack connectors can be used to create audio/video links
		Preterminated sockets - 1 module
	Arteor	Equipped with cord, length 15 cm
1	5 720 91	○ White
1	5 725 91	● Magnesium
		4 screw-type female 3.5 mm Jack socket - 1 module
1	5 722 74	○ White
1	5 727 74	● Magnesium
		Solder-type female 3.5 mm Jack socket - 1 module
1	5 722 78	○ White
1	5 727 78	● Magnesium

Pack	Cat.Nos	HD15 + 3.5 mm Jack amplifier
		Used to connect audio/video terminals more than 20 m apart up to 100 m The video link is via an HD15 connector (resolution up to UXGA) The stereo audio link is via a 3.5 mm Jack The kit includes: - one 4-module transmitter equipped with an HD15 connector and a 3.5 mm Jack - one 4-module receiver equipped with an HD15 connector and a 3.5 mm Jack - one 4-module power supply to be connected on the mains then linked to the receiver or transmitter The link between the transmitter and receiver is via a network cord RJ 45/RJ 45
	Arteor	
1	5 723 70	○ White

Pack	Cat.Nos	Infrared ON/STANDBY control
		Universal remote switch for turning a video projector on or setting it to STANDBY mode Works with all video projectors or TVs through IR learning process Installed close to the room's light switches, it replaces the manufacturer's remote and is used to switch the video projector on and off, therefore reducing energy consumption and extending the bulb's lifetime
	Arteor	
1	5 720 89	○ White

Pack	Cat.Nos	Display port sockets
		Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (video projector, TV, etc
		Preterminated socket - 1 module
	Arteor	Equipped with cord, length 15 cm
1	5 720 90	○ White
	5 725 90	● Magnesium

Patch panels, cables and cords
See p. 35



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5 722 72

5 727 73

5 722 76

5 722 83

5 727 70

5 722 84

Pack	Cat.Nos	Female 2 RCA socket
		Provide the stereo audio link for any peripheral device such as a DVD drive, camera, video recorder 1 module
		Preterminated
	Arteor	Equipped with a 15 cm cord
1	5 720 92	○ White
1	5 725 92	● Magnesium
		Connection via screw terminals
1	5 722 72	○ White
1	5 727 72	● Magnesium

Pack	Cat.Nos	Female 3 RCA socket
		Provide the composite video and stereo audio links for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc 1 module
		Preterminated
	Arteor	Equipped with a 15 cm cord
1	5 720 93	○ White
1	5 725 93	● Magnesium
		Connection via screw terminals
1	5 722 73	○ White
1	5 727 73	● Magnesium

Pack	Cat.Nos	Other audio and video sockets
		Female BNC 75 socket - 1 module Provides the composite video link for any peripheral device such as a DVD drive, camera, video recorder, etc
1	5 722 76	○ White
1	5 727 76	● Magnesium

Pack	Cat.Nos	Audio sockets
		XLR 3-pin - 2 modules
		Provides the stereo link for microphone, amplifier, mixing console, etc Recommended cable: 1 audio pair 0.14 mm^2 to 0.5 mm^2 shielded
	Arteor	Max. cable length: 50 m (without amplifier)
1	5 722 83	○ White - Fast screw connection female
1	5 727 83	● Magnesium - Fast screw connection female
1	5 722 77	○ White - Fast screw connection male
1	5 727 77	● Magnesium - Fast screw connection male
		Loudspeakers sockets
		Terminal 4 mm^2
10	5 722 80	○ White - 2 modules
10	5 727 80	● Magnesium - 2 modules
10	5 722 70	○ White - 1 module
10	5 727 70	● Magnesium - 1 module
		100 V Line Volume Attenuators - 2 modules
		Used to adjust power and volume of a 100 V loudspeaker line
1	5 722 84	○ White - 100 V - 25 W
1	5 727 84	● Magnesium - 100 V - 25 W

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Audio/video system

audio/video patch panels, cords and cables

0 335 98

0 335 96

0 335 97

0 335 99

0 517 23

0 517 24

Pack	Cat.Nos	19" patch panels
		Used to distribute the audio/video signal Equipped with marked connectors 19" female 1 U metal panels
1	0 335 98	HD15 19" panel - 12 connectors
1	0 335 97	HDMI 19" panel - 16 connectors
1	0 335 96	XLR 19" panel - 16 connectors
1	0 335 99	SUBD9 19" panel - 12 connectors

Pack	Cat.Nos	Cords
		For connecting a socket to a terminal
		HD15 cord
1	0 517 23	Length 10 m. For connecting an HD15 socket to a video terminal (PC, video projector, etc)
		HD15 cord + 3.5 mm Jack
1	0 517 22	Length 2 m For connecting an HD15 video socket and a 3.5 mm audio Jack to a terminal (PC, video projector)
		HDMI 1.4 cord For connecting an HDMI socket to an audio/video terminal (plasma screen, DVD player, home cinema, games console, etc) For use over a distance of more than 10 m, use the HDMI booster Cat.No 0 779 30
1	0 517 26*	Length 1.5 m
1	0 517 27*	Length 5 m
1	0 517 20*	Length 10 m
		HDMI booster
1	0 779 30	Used to extend an HDMI connection. Consists of 2 female connectors and used as an addition to the HDMI cord (for example cord Cat.No 0 517 20) Does not need external power supply
		XLR cord
1	0 517 24	Length 10 m. For connecting an XLR socket to an audio peripheral (microphone, amplifier, etc)
		9-way SUB-D cord
1	0 517 25	Length 10 m. For RS 232 serial connection (printer, machine screen, etc)

* to be introduced shortly.

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

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Audio/video system

kits

5 720 26

5 720 27

Pack	Cat.Nos	Media Hub
		Used to connect several kinds of audio/video devices (computer, camera, video recorder, mp3 player, smartphone, etc) to a specific product and to display and/or listen to these media files on the TV screen Connection via one HDMI cable to a TV Particularly suitable for remote TV connection when it is wall-mounted Inputs: HD15+Jack, HDMI, 3RCA, Bluetooth audio connection Output: HDMI 4 modules
1	5 720 68	○ White
1	5 725 68	● Magnesium

Pack	Cat.Nos	HD15 video kit
		Up to 15 m Ideal for classrooms and small meeting rooms Used to transmit analogue video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (video projector, TV) over a length of 15 m The video link is via an HD15 connector. The kit includes: - 2 female HD15 preterminated sockets 1 module - 1 HD15 cord Length 15 m - 1 video projector switch (2 modules) and 1 push-button (2 modules) with supports and plates
1	5 720 24*	○ White

Pack	Cat.Nos	Audio/video HD15+3.5 mm Jack amplifier kit
		Up to 100 m Ideal for large meeting rooms Used to transmit audio and analogue video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (video projector, TV) over a length (up to 100 m) The video link is via an HD15 connector and the stereo audio link is via a 3.5 mm Jack The link between the transmitter and receiver is via RJ 45 patch cord (not included) The kit includes: - 1 transmitter HD15+3.5 mm Jack - 4 modules - 1 receiver HD15+3.5 mm Jack - 4 modules - 1 power supply- 4 modules - 2 HD15+3.5 mm cord length 2 m - 1 video projector switch (2 modules) and 1 push-button (2 modules) with supports and plates
1	5 720 25*	○ White

* to be introduced shortly.

Pack	Cat.Nos	Audio/video multi-participant transmitter HD15+3.5 mm Jack
		Allows the different participants in a meeting room to broadcast a presentation on their PC by pressing the shutter button control without disconnecting the cable from the projector Must be associated with other transmitters and one receiver Can be installed in pop-up, desktop multi-outlet extensions and DLP trunking The video link is via an HD15 connector and the stereo audio link is via a 3.5 mm Jack HD15+3.5 mm Jack cord length 2 m included for connection to a PC Transmitters are connected by RJ 45 patch cord (not included)
1	5 720 26*	○ White - 4 modules

Pack	Cat.Nos	Audio/video multi-participant receiver HD15+3.5 mm Jack
		Receives commands from the audio/video multi-participant transmitter Can be installed in pop-up, desktop multi-outlet extensions and DLP trunking The video link is via an HD15 connector and the stereo audio link is via 3.5 mm Jack HD15 + 3.5 mm Jack cord length 2 m included for connection to a video projector Must be associated with the first transmitter by a RJ 45 patch cord (not included)
1	5 720 27*	○ White - 2 x 4 modules

* to be introduced shortly.

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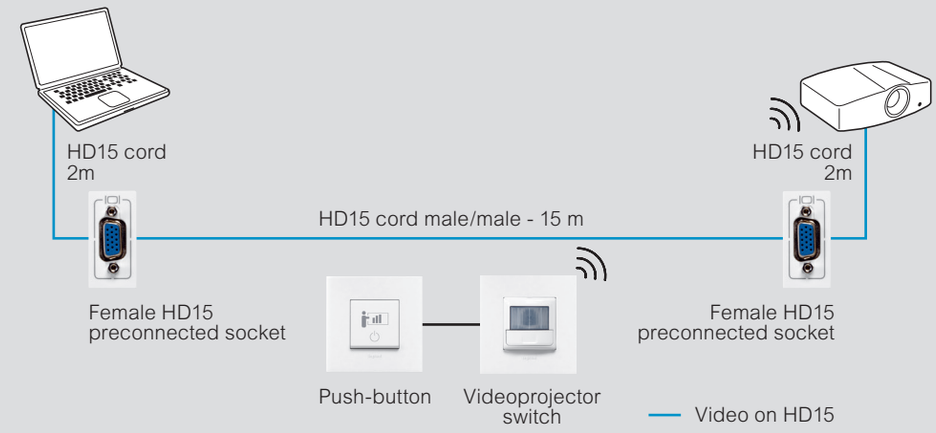
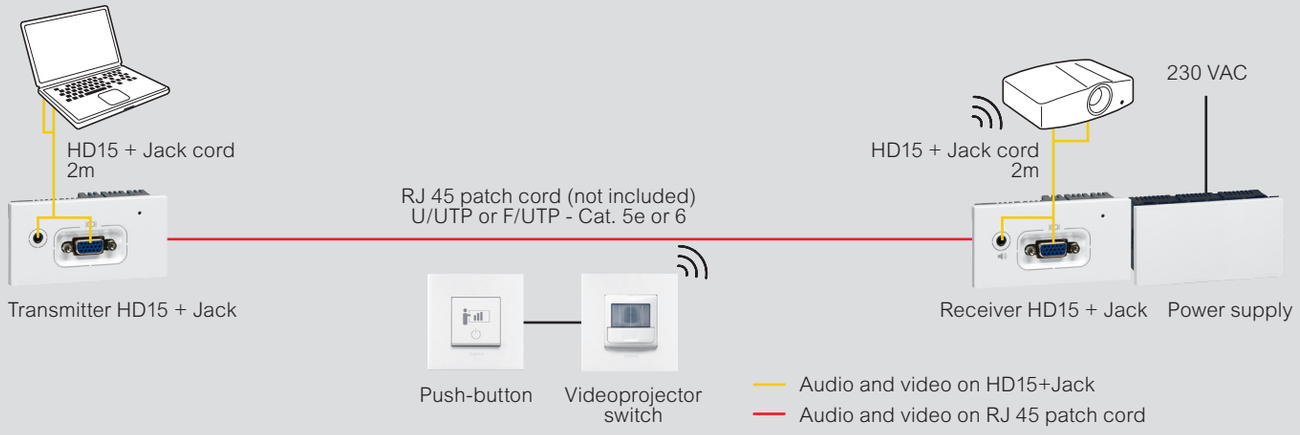
Audio/video system

kits

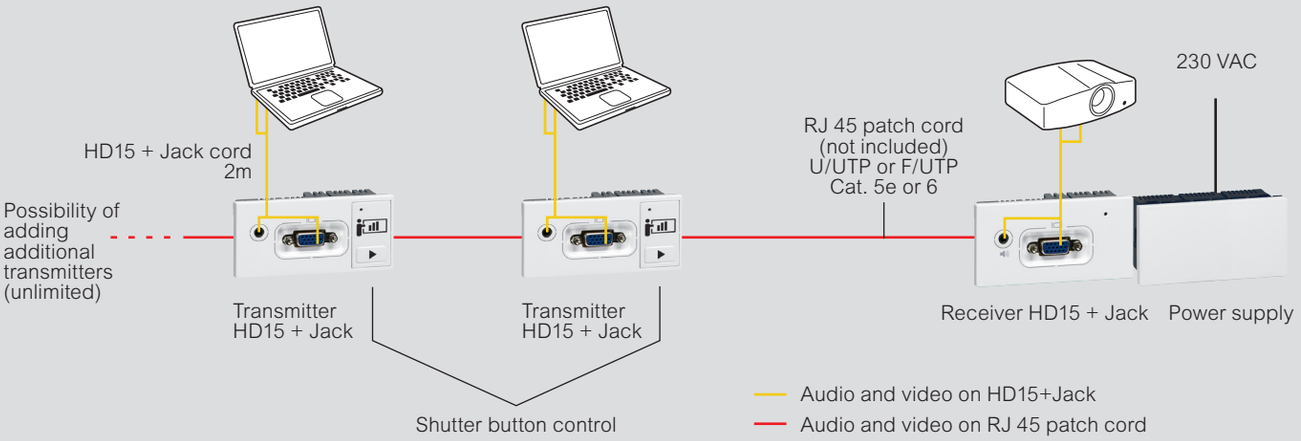
HD15 video kit (Cat.No 5 720 24)



Audio/video HD15+3.5 mm Jack amplifier kit (Cat.No 5 720 25)



Audio/video HD15+3.5 mm Jack multiparticipant transmitter (Cat.No 5 720 26) and receiver (Cat.No 5 720 27)



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Legrand cabling system LCS³ fibre optic

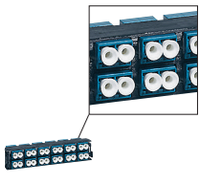
19" optic drawers

New LCS³ system

0 321 62

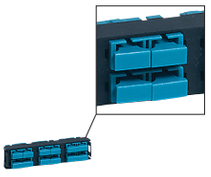
0 321 72

0 321 00



0 321 15

0 321 33



0 321 21

Pack	Cat.Nos	Equipped 19" optic drawers
		Metal equipped 19" optic drawers with 4 cable inputs, supplied with fastening kit, 1 PE Ø 13.5 mm, coiling system and pigtail duct Panel and optic port marking on dedicated marking areas
		Sliding End of travel stop with 30° tilting Maximum capacity either: - 24 ST and SC connectors - 48 LC connectors Depth 220 mm, height 1 U
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
		Rotating Delivered with reversible left or right opening Maximum capacity, either: - 72 LC connectors - 36 SC connectors Depth 260 mm, height 1 U
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

		19" modular optic drawers
		Metal modular 19" optic drawers with 8 cable inputs, supplied with fastening kit, 2 PE Ø 13.5 mm, coiling system and splice cassette Complete with new generation Quick-Fix for automatic mounting (no screws required) on the risers of cabinets or enclosures Supplied with numbered labels End of travel stop with 30° tilting Maximum capacity either: - 96 LC connectors - 48 SC connectors - 24 ST connectors Depth 215 mm, height 1 U
		Sliding, equipped
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
		Sliding, to be equipped with fibre optic blocks It can accept all fibre optic blocks; 4 blocks maximum
1	0 321 00	Empty drawer

Pack	Cat.Nos	Fibre optic blocks
		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
		Singlemode fibre optic blocks (9/125 µm)
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[1] feedthrough adapter
		Multimode fibre optic blocks (62.5 and 50/125 µm)
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[1] feedthrough adapter

		Copper block for fibre optic drawer
1	0 321 32	It clippes directly to the optic drawer to be equipped, Cat.No 0 321 00 It gives the possibility of mixing fibre optic and copper

		Accessories for optic drawer to be equipped
		Accessory for receipt of a fan-out
1	0 321 28	It's clipped at the back of the drawer It enables the entry of preterminated Cat.Nos
		Blank
1	0 321 29	Blank block
		Pigtail cassette
1	0 321 30	Capacity 24 fibre optics
		Coiling kit
1	0 321 31	1 accessory

1: MTP is a registered trademark of US Conec Ltd

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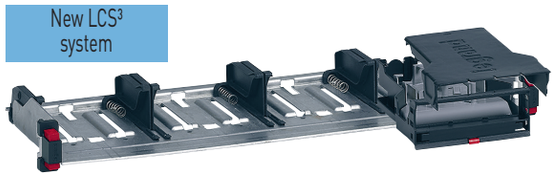
Legrand cabling system LCS³ fibre optic

19" fibre optic drawers and mini-splicer

New LCS³ 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
		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
1	0 321 40	Depth 190 mm, height 1 U
		Optic drawer cassettes
		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
		Fibre optic splice cassette
1	0 321 41	It can accept all modular fibre optic blocks
		Copper cassette to be equipped
1	0 337 55	It can accept 6 cat. 5e, cat. 6 and cat. 6_A connectors
		MTP[1] preterminated cassette (MPO compatible) 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
		Blanking cassette
1	0 337 57	Used to blank the panel
		Adapters
1	0 321 33	Single-mode 4 MTP[1] adapter (installation in cassette 0 321 41)
1	0 321 34	Multi-mode 4 MTP[1] 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
		Rear cable management accessory
1	0 321 46	For installation on panels Cat.No 0 321 40
		Cord management kit (guide/support/door)
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
		Smart splicer
		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

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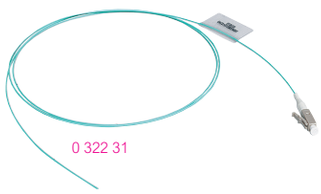
Legrand cabling system LCS³ fibre optic

pigtails, glue-on connectors and fan-out units

0 322 20



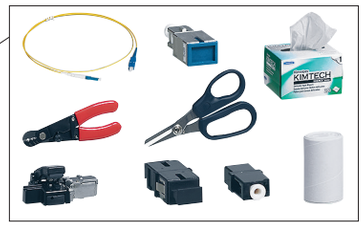
0 322 31

Pack	Cat.Nos	
		Pigtails
		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
		50/125 µm - OM2 (PC)
		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
		50/125 µm - OM3 (PC)
		Connectors
	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
		50/125 µm - OM4 (PC)
		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
		9/125 µm - OS2 (APC or UPC) - OS1 compatible
		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
		Set of 12 LC pigtails
1	0 326 24	OS2 12 pigtails LC-UPC
1	0 326 26	OM3 12 pigtails LC-PC
1	0 326 71	OM4 12 pigtails LC-PC
		Pigtail sleeves
1	0 327 44	40 mm - bag of 50 sheaths
		Glue-on connectors 50/125 and 62.5/125 µm
		Supplied with 900 µm sleeve Ceramic ferrule connector Typical attenuation: 0.3 dB
		Connectors
10	0 331 27	ST
10	0 331 47	SC
10	0 331 00	LC
		Fan-out units
		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 LCS³ fibre optic

case and quick-connect connectors

0 322 70



0 322 72

0 322 73

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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...)
		Quick-connect connectors
		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)
		OM3/OM4 multimode connectors
		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
		OS2 single-mode connectors
		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
		Precision cleaver for the update of the case kit Cat.No 0 326 90
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
		Fibre optic cleaning accessories
1	0 322 83	Ferrule cleaner MPO/MTP[1]
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

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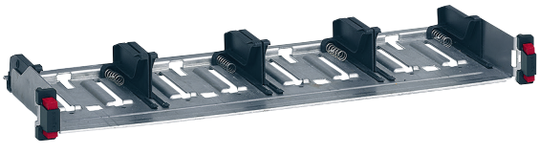
Legrand cabling system LCS³ fibre optic

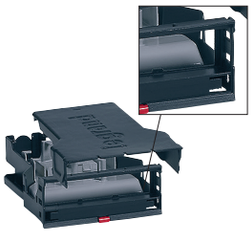
19" high density and very high density fibre optic drawers

0 321 50

0 321 55

0 321 56


0 321 40


0 321 41

0 321 43

0 321 33

Pack	Cat.Nos	**Modular fibre optic drawers, ultra high density to be equipped with cassettes**
		Fixed and modular chassis for the reception of the drawers
		Fibre optic drawers with front facing cord management
		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
		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 MTP¹ high performance cassette Low insertion loss < 0,35 dB A/C polarity
		Multimode OM4 cassette (50/125 µm)
		For OM4 type 50/125 µm multimode installations
1	0 321 54	MPO cassette 12 LC OM4 Type A/C
		OS2 cassette (9/125 µm)
		For OS2 type 9/125 µm multimode installations
1	0 321 55	MPO cassette 12 LC OS2 Type A/C
		MTP¹ adapters (MPO compatible)
		They are clipped directly to the fibre optic drawers, Cat.Nos 0 321 50/51/52/53
1	0 321 56	Multimode 4 MTP¹ adapter
1	0 321 57	Single-mode 4 MTP¹ adapter
		LC adapter
		It's clipped directly to the fibre optic drawers, Cat.Nos 0 321 50/51/52/53
1	0 321 58	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
1	0 321 40	Depth 190 mm, height 1 U
		High density MTP¹ 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 MTP¹ cassette, low insertion loss <0.35 dB, A/C polarity
		Fibre optic splice cassette
1	0 321 41	It can accept all modular fibre optic blocks
		Copper cassette to be equipped
1	0 337 55	It can accept 6 cat. 5e, cat. 6 and cat. 6_A connectors
		Multimode OM4 cassettes (50/125 µm)
1	0 321 42	MTP¹ cassette (MPO compatible) 24 LC OM4 Type A/C
1	0 321 43	MTP¹ cassette (MPO compatible) 12 SC OM4 Type A/C
		Single-mode OS2 cassettes (9/125 µm)
		OS2 type
1	0 321 44	MTP¹ cassette (MPO compatible) 24 LC OS2 Type A/C
1	0 321 45	MTP¹ cassette (MPO compatible) 12 SC OS2 Type A/C
		Blanking cassette
1	0 337 57	Used to blank the panel
		MTP¹ adapters
		It's installed in splice cassettes, Cat.No 0 321 41 It enables MTP¹/MTP¹ feedthrough
1	0 321 33	Single-mode 4 MTP¹ adapter
1	0 321 34	Multimode 4 MTP¹ adapter
		Accessories for 19" panel to be equipped with cassette
		Rear cable management accessory
1	0 321 46	For installation on panels Cat.No 0 321 40
		Cord management kit (guide/support/door)
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

1: MTP is a registered trademark of US Conec Ltd

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Legrand cabling system LCS³

fibre optic preterminated solution

0 324 41

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
MTP¹-MTP¹: low connector insertion loss
MTP¹ < 0.35 dB/connector
Other configurations on request

Micro cables OM3 Fan-out - Fan-out

Micro cables with spark gap, output 2 mm

Pack	Cat.Nos	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

Pack	Cat.Nos	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 MTP¹

Pack	Cat.Nos	Designation	Length (m)
1	0 324 41	12 fibre optics - MTP¹-MTP¹	10
1	0 324 42	12 fibre optics - MTP¹-MTP¹	20
1	0 324 43	12 fibre optics - MTP¹-MTP¹	30
1	0 324 44	12 fibre optics - MTP¹-MTP¹	40
1	0 324 45	12 fibre optics - MTP¹-MTP¹	50

Micro cables OS2 MTP¹

Pack	Cat.Nos	Designation	Length (m)
1	0 324 51	12 fibre optics - MTP¹-MTP¹	10
1	0 324 52	12 fibre optics - MTP¹-MTP¹	20
1	0 324 53	12 fibre optics - MTP¹-MTP¹	30
1	0 324 54	12 fibre optics - MTP¹-MTP¹	40
1	0 324 55	12 fibre optics - MTP¹-MTP¹	50

1: MTP is a registered trademark of US Conec Ltd

Legrand cabling system LCS³ fibre optic

cables

0 326 66

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"

OM 4 multimode fibre optic cables (50/125 µm)

"Bend insensitive"
For multimode installations 50/125 µm, type OM 4
Aqua sheaths
Suitable for 10 Giga Ethernet networks

Pack	Cat.Nos		
	Loose tube	Tight structure 900 µm	
2000	0 325 43		Indoor/outdoor (glass strands) 4 fibres - 2000 m
2000	0 325 44		Indoor/outdoor (glass strands) 8 fibres - 2000 m
2000	0 325 45		Indoor/outdoor (glass strands) 12 fibres - 2000 m
2000	0 325 46		Outdoor, corrugated steel tape 4 fibres - 2000 m
2000	0 325 47		Outdoor, corrugated steel tape 8 fibres - 2000 m
2000	0 325 48		Outdoor, corrugated steel tape 12 fibres - 2000 m
2000		0 326 65	Indoor/outdoor (glass strands) 6 fibres - 500 m
2000		0 326 66	Indoor/outdoor (glass strands) 6 fibres - 1000 m
2000		0 326 67	Indoor/outdoor (glass strands) 12 fibres - 1000 m
2000		0 326 68	Indoor/outdoor (glass strands) 24 fibres - 1000 m

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Legrand cabling system LCS³ 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"

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...

Pack	Cat.Nos		
	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

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

Pack	Cat.Nos		
	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

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

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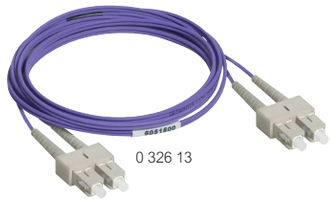
Legrand cabling system LCS³ fibre optic

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
		SC/SC duplex cords
3	0 326 00	Length: 1 m
3	0 326 01	Length: 2 m
3	0 326 02	Length: 3 m
		SC/LC duplex cords
3	0 326 03	Length: 1 m
3	0 326 04	Length: 2 m
3	0 326 05	Length: 3 m
		LC/LC duplex cords
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
		LC/LC Uniboot duplex cords 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

		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
		SC/SC duplex cords
3	0 326 30	Length: 1 m
3	0 326 31	Length: 2 m
3	0 326 32	Length: 3 m
		LC/LC duplex cords
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
		LC/LC Uniboot duplex cords 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
		SC/SC duplex cords
3	0 326 09	Length: 1 m
3	0 326 10	Length: 2 m
3	0 326 11	Length: 3 m
		SC/LC duplex cords
3	0 326 12	Length: 1 m
3	0 326 13	Length: 2 m
3	0 326 14	Length: 3 m
		LC/LC duplex cords
3	0 326 15	Length: 1 m
3	0 326 16	Length: 2 m
3	0 326 17	Length: 3 m

		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
		ST/ST duplex cords
3	0 330 80	Length: 1 m
3	0 330 81	Length: 2 m
3	0 330 82	Length: 3 m
		SC/SC duplex cords
3	0 330 69	Length: 1 m
3	0 330 70	Length: 2 m
3	0 330 71	Length: 3 m
		ST/SC duplex cords
3	0 330 72	Length: 2 m
3	0 330 73	Length: 3 m
		LC/LC duplex cords
3	0 330 61	Length: 2 m
		SC/LC duplex cords
3	0 330 75	Length: 1 m
3	0 330 63	Length: 2 m
3	0 330 76	Length: 3 m
		LC/ST duplex cords
3	0 330 65	Length: 2 m

		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
		2 x ST fibre optic feedthrough socket Bayonet mount (STII compatible)
1	0 786 16	○ White
		2 x SC fibre optic feedthrough socket "Push-pull" connection
1	0 786 17	○ White
		2 x LC fibre optic feedthrough socket "Push-pull" connection
1	0 786 18	○ White

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Legrand cabling system LCS³ 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.

LCS³ 19" server cabinets

Pack	Cat.Nos	Capacity	Width (mm)	Depth (mm)
1	4 460 00	42 U	600	1000
1	4 460 01	42 U	600	1100
1	4 460 02	42 U	600	1200
1	4 460 03	42 U	800	1000
1	4 460 04	42 U	800	1100
1	4 460 05	42 U	800	1200
1	4 460 06	46 U	600	1000
1	4 460 07	46 U	600	1100
1	4 460 08	46 U	600	1200
1	4 460 09	46 U	800	1000
1	4 460 10	46 U	800	1100
1	4 460 11	46 U	800	1200

LCS³ 19" server cabinets with airflow management

		Capacity	Width (mm)	Depth (mm)
1	4 460 12	42 U	600	1000
1	4 460 13	42 U	600	1100
1	4 460 14	42 U	600	1200
1	4 460 15	42 U	800	1000
1	4 460 16	42 U	800	1100
1	4 460 17	42 U	800	1200
1	4 460 18	46 U	600	1000
1	4 460 19	46 U	600	1100
1	4 460 20	46 U	600	1200
1	4 460 21	46 U	800	1000
1	4 460 22	46 U	800	1100
1	4 460 23	46 U	800	1200

LCS³ side panels for server cabinet, set of 2, including plinths

		Capacity	Width (mm)	Depth (mm)
1	4 460 24	42 U	-	1000
1	4 460 25	42 U	-	1100
1	4 460 26	42 U	-	1200
1	4 460 27	46 U	-	1000
1	4 460 28	46 U	-	1100
1	4 460 29	46 U	-	1200

LCS³ Flatpack server cabinets, including side panels

Flatpack cabinets have the same configuration as 4 460 00 - 4 460 11 respectively

Pack	Cat.Nos	Capacity	Width (mm)	Depth (mm)
1	4 460 30	42 U	600	1000
1	4 460 31	42 U	600	1100
1	4 460 32	42 U	600	1200
1	4 460 33	42 U	800	1000
1	4 460 34	42 U	800	1100
1	4 460 35	42 U	800	1200
1	4 460 36	46 U	600	1000
1	4 460 37	46 U	600	1100
1	4 460 38	46 U	600	1200
1	4 460 39	46 U	800	1000
1	4 460 40	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

			Max. cross-section
1	4 460 45	Cable entry brushes (set)	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

			Max. cross-section
1	4 460 46	Covering plate RAL 9011	153 x 427 mm

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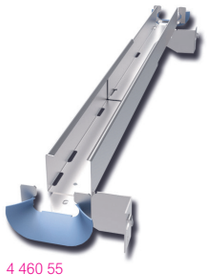
Legrand cabling system LCS³ Enclosures

cable clips

6 466 69


4 460 55

4 460 56

4 460 47

4 460 57

4 460 75

Pack	Cat.Nos	Vertical cable clip
1	6 466 68	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

Pack	Cat.Nos	Horizontal cable clip
1	6 466 69	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

Pack	Cat.Nos	Cable ducting, front to back, sliding
1	4 460 55	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

Pack	Cat.Nos	Mounting bracket (4x) for the cable cleat + 4x cable cleat
1	4 460 56	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

Pack	Cat.Nos	Transport caster, removible set of 4
1	4 460 47	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	Plastic cable clip
1	4 460 57	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

Pack	Cat.Nos	Floor fixing set
		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)
1	4 460 76	100
1	4 460 75	25
		What's in the box: 2 Z-profiles with integrated nuts, including mounting material

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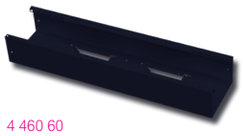
Legrand cabling system LCS³ Enclosures

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

Wide cable ducts

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
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
Material: Steel
Finishing: Powder coating
Height: 120 mm
Depth: 600 mm
RAL 9011

Pack	Cat.Nos	Width of the rack
1	4 460 64	600 mm
1	4 460 65	800 mm

Narrow cable ducts

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
Material: Steel
Finishing: Powder coating
Height: 120 mm
Depth: 200 mm
RAL 9011

Pack	Cat.Nos	Width of the rack
1	4 460 60	600 mm
1	4 460 61	800 mm
		Partition
1	4 460 68	600 mm
1	4 460 69	800 mm

Covers and end plates for cable ducts

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
Material: Steel
Finishing: Powder coating
Depth of narrow cable duct: 200 mm
Depth of wide cable duct: 600 mm
RAL 9011

Pack	Cat.Nos		
	Narrow cable duct	Wide cable duct	**Covers for cable ducts**
1	4 460 62	4 460 66	Width of the rack: 600 mm
1	4 460 63	4 460 67	Width of the rack: 800 mm
	Narrow end plate	Wide end plate	**End plates for cable ducts**
1	4 460 70	4 460 71	Width of the rack: 600, 800 and 1000 mm Delivery consists of: including assembly materials

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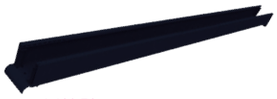
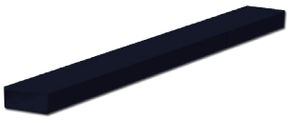
Legrand cabling system LCS³ Enclosures

cable bridges and connecting sets



4 460 72



4 460 73

4 460 48

Pack	Cat.Nos	Cable bridges
1	4 460 72	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 Material: Steel Finishing: Powder coating Height: 120 mm. Width: 150 mm RAL 9011 Usable length: 990 to 1750 mm Delivery consists of: including assembly materials

Pack	Cat.Nos	Covers for cable bridges
1	4 460 73	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 Material: Steel Finishing: Powder coating Capacity: 150 mm RAL 9011 Usable length: 1030 mm Delivery consists of: including assembly materials

Pack	Cat.Nos	Connecting sets
1	4 460 48	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 Set of internal and external rack connectors Material: Steel Finishing: Powder coating Capacity: 150 mm RAL 9011 External connecting set of 6 pieces Delivery consists of: including fastening materials

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Legrand cabling system LCS³ Enclosures

aisle containment

Self-closing sliding door

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

Pack	Cat.Nos	
1	4 463 50	Automatic sliding door 1200 x 2000 (w x h)
1	4 463 51	Automatic sliding door 1200 x 2200 (w x h)
		Delivery consists of: Sliding door beam, set of doors and assembly materials

High Transparency Roof

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
High Transparency Roof
Material: Steel
Finishing: Powder coating
RAL 9011
If your corridor length is not mentionned please contact Legrand support for advice

Pack	Cat.Nos	Length
1	4 460 73	4000 mm
1	4 463 53	6000 mm
1	4 463 54	8000 mm
1	4 463 55	9600 mm

Drop Away Panels

FM APPROVED

Drop Away Panels 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 panels automatically soften and drop down so that they do not cause an obstruction when the sprinklers are activated
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
Drop Away Panels
Material: Steel
Finishing: Powder coating
RAL 9011
If your corridor length is not mentionned please contact Legrand support for advice

Pack	Cat.Nos	Length
1	4 463 56	4000 mm
1	4 463 57	6000 mm
1	4 463 58	8000 mm
1	4 463 59	9600 mm

LED lighting

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.

Pack	Cat.Nos	
1	4 463 70	LED light 120 cm wide
1	4 463 71	LED light 120 cm wide with PIR sensor
1	4 463 72	Power cable, 4 metres, C14 connector
1	4 463 73	Plastic cover + power cable (10 cm), male-female connector

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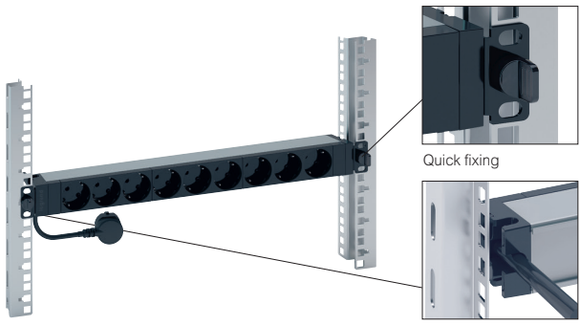
Legrand cabling system LCS³ Enclosures

MiniCube

4 461 70



6 468 26

Quick fixing

End cap with cable holder shape

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

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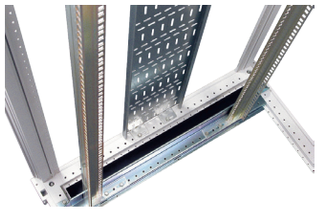
Legrand cabling system LCS³ Enclosures

cabling cabinets and accessories

4 460 80



4 460 95 - 4 460 96

4 460 97

4 460 98

19" cabling cabinets – 800 mm wide

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
Specifications:
- Frame: Aluminium, demountable
- Including a 25 mm or 100 mm plinth
- Load Capacity 1500 kg (static)
- Base size 800 mm wide
- 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
- Roof: 3 or 4 cut outs with 2 or 3 blind plates and 1 cable entry brush. Depending on the frame size
- 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)
- Accessories: The racks are supplied with 20 cage nuts and screws

Pack	Cat.Nos	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

LCS³ 19" Cabling Cabinet, Extended Plinth
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.

Pack	Cat.Nos	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

Cable trunking

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
Material: Sheet steel
Finishing: Galvanised

Pack	Cat.Nos	Height	Width
1	4 460 95	41 U	200 mm
1	4 460 96	46 U	200 mm

Delivery consists of: 1 cable trunking element including fasteners

Triple fan unit with IEC connectors

The triple fan unit allows you to cool the rack. The flow with no load is 480 m³/h. Under normal loads it will be over 300 m³/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

Pack	Cat.Nos	Flow under normal load
1	4 460 97	310 m³/h

Delivery consists of: 1 fan unit, 1 power cable, 1 extender cable including fastenings

Thermostat for triple fan unit

The thermostat can be used together with the triple fan unit and a roof plate
The thermostat ensures that the fan switches on at a temperature you have selected

Pack	Cat.Nos
1	4 460 98

230VAC / 50Hz - 110mA - 23 dB - 12 watt
Delivery consists of: 1 fan unit including assembly materials

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Legrand cabling system LCS³ Enclosures

assembly profiles and cable clip

4 460 50

4 460 52

4 460 57

Assembly profiles including cable guides

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
Halogen-free
Fire class: UL94-V0
Material: Polyamide
Colour: RAL 5015
10 cable guides front

Pack	Cat.Nos	Height	Capacity	Height (mm)
1	4 460 50	41 U	38 U	2000
1	4 460 51	46 U	43 U	2200
1	4 460 54	20 cable guides (without profile)		

Delivery consists of: assembly profile, cable guides including fasteners

Assembly profiles including high-volume cable guide on 19" profiles

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
Material: Polyamide
Colour: Black

Pack	Cat.Nos	
1	4 460 99	6 U assembly profile
1	4 460 52	41 U assembly profile
1	4 460 53	46 U assembly profile

Delivery consists of: including assembly materials

Plastic cable clip

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

Pack	Cat.Nos	Width (mm)	Depth (mm)
1	4 460 57	40	78

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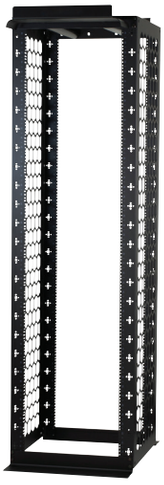
Legrand cabling system LCS³ Enclosures

cabling openrack and accessories


4 461 50

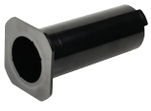
4 461 52

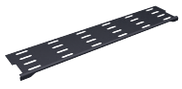
4 461 54

4 461 57

4 461 55

4 461 58

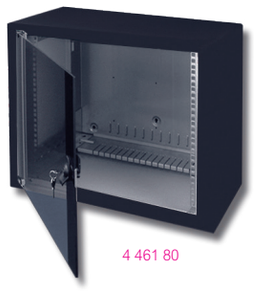

4 461 56


4 461 59

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 LCS³ Enclosures

wall mounting enclosures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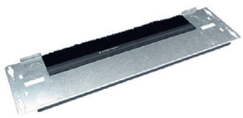
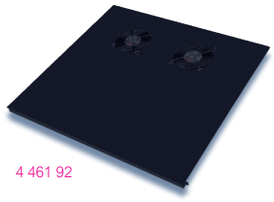

4 461 90

4 461 91


4 461 92

Pack	Cat.Nos	Wall mounting enclosures with glass door				
		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 Width: 600 mm Colour: RAL 7047 Finishing: Powder coating Max. load: 100 kg 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				
		Capacity	Width (mm)	Depth (mm)	Height (mm)
1	4 461 80	6 U	600	525	342
1	4 461 81	9 U	600	525	476
1	4 461 82	9 U	600	625	476
1	4 461 83	12 U	600	525	609
1	4 461 84	12 U	600	625	609
1	4 461 85	15 U	600	525	742
1	4 461 86	15 U	600	625	742
1	4 461 87	21 U	600	625	1009
		Accessories			
		Cable entry strip for wall enclosure			
1	4 461 90	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			
		Corner guide set			
1	4 461 91	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			
		Roof plate with integrated fan unit			
		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			
1	4 461 92	525 mm (d)			
1	4 461 93	625 mm (d)			

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Legrand cabling system LCS³ Enclosures

accessories for wall mounting enclosures

6 466 69

4 461 95

Pack	Cat.Nos	LCS³ 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

Legrand cabling system LCS³ Enclosures

19" accessories

0 465 22

0 465 23

0 465 29

0 465 32

4 462 10

Pack	Cat.Nos	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
25	4 462 10	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

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Legrand cabling system LCS³ Enclosures

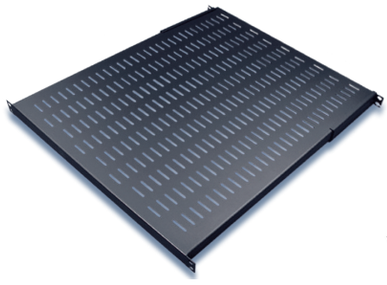
19" accessories (continued)

0 465 01

0 465 22

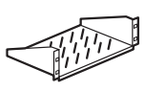
0 465 06

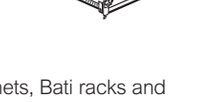
0 465 29


4 462 15

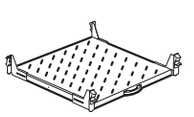
4 462 11

Pack	Cat.Nos	Fixed shelves
		For 19" cabinets and server cabinets, Bati racks and Altis cabinets Quick installation without screws. RAL 9005 black
		Suspended installation on 2 x 19" risers 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
		Installation on 4 x 19" risers 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





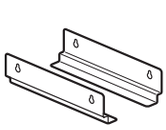
Pack	Cat.Nos	Telescopic shelves
		For 19" cabinets and server cabinets, Bati racks and Altis cabinets Quick installation on 4 x 19" risers Height 1 U. Maximum load: 50 kg. RAL 9005 black
1	0 465 08	Shelf depth 425 mm For depth 600 mm
1	0 465 09	Shelf depth 625 mm For depth 800 mm
1	0 465 10	Shelf depth 625 mm For depth 1000 mm



Pack	Cat.Nos	Heavy duty shelves
		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

Pack	Cat.Nos	Keyboard shelf
		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
1	0 465 19	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

Pack	Cat.Nos	Set of 2 fixed guide rails
		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

Pack	Cat.Nos	Temperature management
		1 U ventilation drawers 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
		Thermostat
1	0 348 48	Adjustable from 5 to 60 °C, 230 V~, 50/60 Hz NC contact (5 A) and NO contact (10 A) Magnet fastening

Pack	Cat.Nos	Fixing screws
		Set of 50 cage nuts, 50 plastic washers and 50 x M6 screws
1	0 364 54	With 9.5 mm cage nuts

Pack	Cat.Nos	Self-adhesive document holders	Ext. dimensions Height (mm)	Ext. dimensions Width (mm)	Int. dimensions Height (mm)	Int. dimensions Width (mm)	Int. dimensions Depth (mm)
		Open - RAL 7035					
1	0 365 80		235	340	200	310	18
1	0 365 81		165	260	130	230	18
		Closed - RAL 7035					
1	0 365 82	Rigid plastic - IP 50 Int. dimensions: 324 x 120 x 18 mm					
		Transparent					
1	0 097 99	Soft plastic, A4 - 305 x 220 mm					

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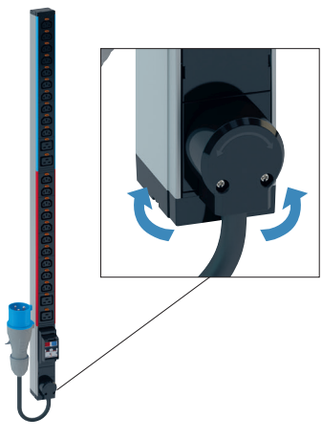
Legrand cabling system LCS³ Energy Distribution

PDUs



6 468 61

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)
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
	CORD LOCKING SYSTEM	**IEC 60320 standard**
1	6 468 56	24 C13 outlets with cord locking system Connection on terminal block up to 6 mm²
1	6 468 57	24 C13 outlets with cord locking system 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 60	20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm2
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
		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)
	CORD LOCKING SYSTEM	**IEC 60320 standard**
1	6 468 65	20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm²

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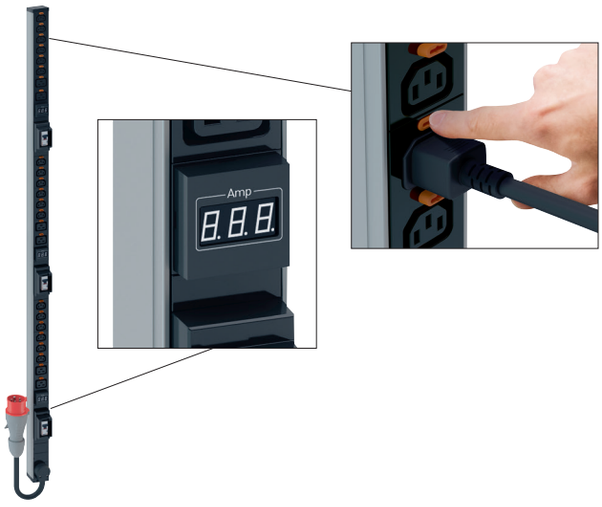
Legrand cabling system LCS³ Energy Distribution

PDUs



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

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

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Legrand cabling system LCS³ Energy Distribution

PDUs

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).
Black modules (outlets and functions)

Pack	Cat.Nos	19" - PDU standard
	CORD LOCKING SYSTEM	**IEC 60320 standard** Connection on terminal block (except Cat.No 6 468 15)
1	6 468 14	10 C13 outlets with cord locking system
1	6 468 15	12 C13 outlets with cord locking system 3 m power supply cord with 16 A IEC 60309 2P+E
1	6 468 09	6 C13 outlets + 2 C19 outlets with cord locking system
1	6 468 07	6 C19 outlets with cord locking system

Pack	Cat.Nos	19" - PDU with ammeter
	CORD LOCKING SYSTEM	**IEC 60320 standard** 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

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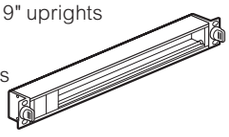
6 468 90

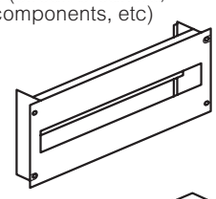
0 465 46 + 0 465 47

Pack	Cat.Nos	PDU to be equipped
		For self assembly with Mosaic wiring device modules Quick fixing (no screws) on 19" uprights Aluminium profile
1	6 468 99	PDU 19" Capacity: 16 Mosaic modules
1	6 468 98	PDU 10" Capacity: 8 Mosaic modules

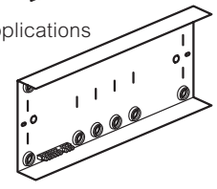


Pack	Cat.Nos	PDU accessories
		Locking caps To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey
1	6 468 90	Set of 6 locking caps for French and German standard outlet + 1 key
1	6 468 92	Set of 6 locking caps for British standard outlet + 1 key
1	6 468 94	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
		Surge protection module To replace used module on PDU With light indicators: - one LED (white) gives information whether the PDU is supplied with power or not - one LED (green) indicates when surge protection module is efficient or must be replaced Hotswappable: replacement keeping the PDU and its outlets powered on
1	6 468 97	Surge protection replacement module

Pack	Cat.Nos	Multi-applications DIN rail
		For mounting modular devices (circuit breakers, Legrand multimedia network components, etc) Capacity: 24 modules Height 4 U Screw fixing on 19" uprights(1)
1	0 465 46	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)



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Performance table

	Supported network protocol	SIZES OF COMPONENTS				LINK SIZES (CHANNEL)			
		Cat. 8 STP	Cat. 6A STP	Cat. 6 UTP	Cat. 6 FTP	Class I	Class EA		Class E
		2000 MHz	500 MHz	250 MHz	250 MHz	2000 MHz	500 MHz	250 MHz	250 MHz
		40 Giga	10 Giga	1 Giga	1 Giga	40 Giga	10 Giga	1 Giga	1 Giga
Attenuation (dB) Signal loss	LCS³ ISO 11801 edition 3	1.5	0.13 0.45 max	0.06 0.32 max	0.09 0.32 max	32.7	35.4 42.1 max	24.1 28.9 max	25.7 30.7 max
Return loss (dB) Resistance to echo	LCS³ ISO 11801 edition 3	1.2	17.05 14 min	26.59 20 min	29.8 16 min	8	16.4 8 min	22.1 10 min	38.8 10 min
Next (dB) Resistance to disturbances between pairs(1)	LCS³ 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 LCS³ system standards and approvals

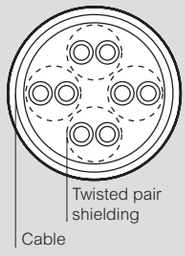
The LCS³ system and its components (de-embedded) comply with the current standards:
- EIA/TIA 568 B2.10
- EN 50173-1 and EN 50173-2
- ISO/IEC 11801 edition 3 (2017)

The LCS³ system supports 10 G applications Base T up to 100 m in a transmission channel in compliance with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards
The class I link of the LCS³ system is also compliant with ISO/IEC 11801 edition 3.0 (2017) and EIA/TIA 568 C2-1 standards. LCS³ systems are certified by the independent lab 3P, a point of reference for the sector

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

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

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



www legrand.fr The Innoval training center gives the possibility of obtaining LCS³ approval at **legrand.com**

www legrand.fr **25-year guarantee:** Legrand guarantees the long term performance of the LCS³ system at **legrand.com**

Main characteristics of LCS³ systems

	LCS³ 8	LCS³ 6A		LCS³ 6		LCS³ 5e
Frequency	2000 MHz	500 MHz		250 MHz		100 MHz
Delivery	40 Gbit/s	10 Gbit/s		1 Gbit/s		1 Gbit/s
Wiring	Copper	Copper	FO	Copper	FO	Copper
Connectors	RJ 45	RJ 45	SC-LC…	RJ 45	SC-LC…	RJ 45
Max. cable length	30 m	100 m	variable	100 m	variable	100 m

Maintenance performance

GARANTIE 25 ans PERFORMANCE legrand

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

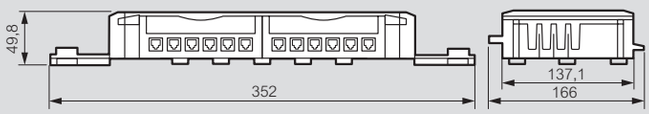
Performance in case of installation with zone distribution box (consolidation point)

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. 6A	8 15 20	70 60 55	78 75 75
Cat. 6	8 15 20	70 60 55	78 75 75
Cat. 5e	8 15 20	75 65 60	83 80 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)



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Technical characteristics

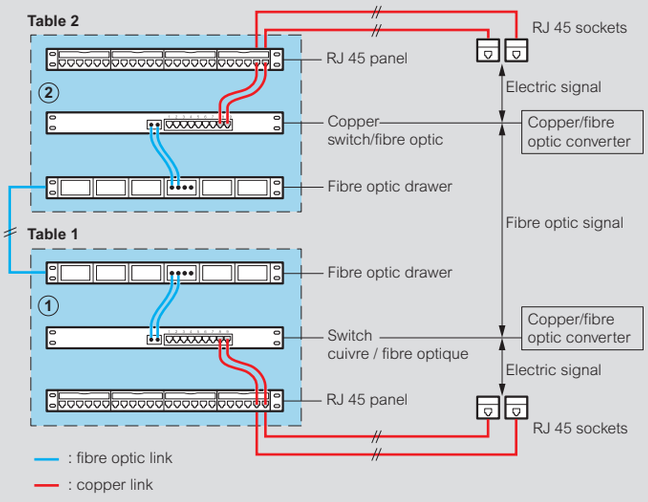
- Connectors connected using 900 µm and 250 µm fibre optics
- Maximum weakening 0.3 dB
- Perfectly suited for high delivery systems: 10 Gigabit Ethernet
- Operating temperature: from 0 to 65°C
- Shallow depth connectors

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

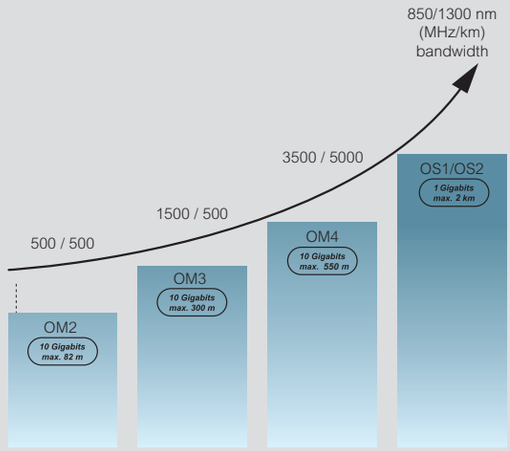
Optical connection parameters according to ISO 11801 / EN 50173

	Multimodes		Singlemode	
Parameter	**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(1)	NA
Giga Ethernet (base LX)	550 m	550 m	550 m	2 km
Giga Ethernet (base SX)	550 m	550 m	1100 m	NA

TIA 568
IEEE 802.3 applications

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

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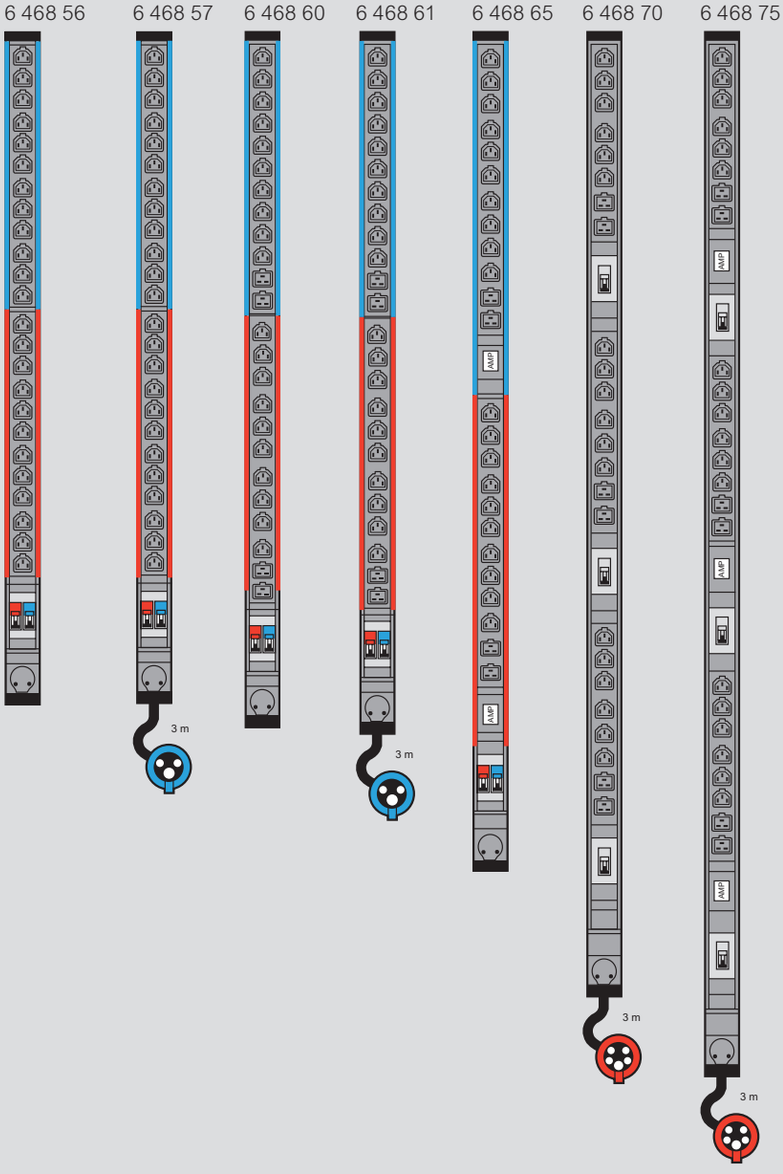
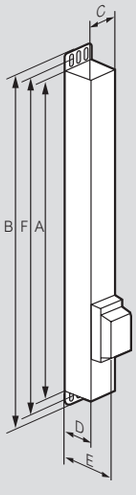
PDU Zero-U



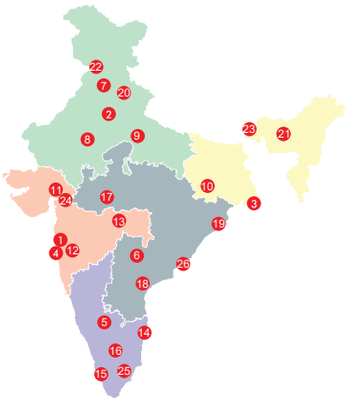
PDU Zero-U sizes (mm)



Cat.Nos	Height		Width	Depth		Fixing centers (mini-maxi)
	A	B(1)	C	D	E(2)	F(1)
6 468 56	1034	1078	52	52.5	87	1046-1076
6 468 57	1034	1078	52	52.5	87	1046-1076
6 468 60	1070	1114	52	52.5	87	1082-1112
6 468 61	1070	1114	52	52.5	87	1082-1112
6 468 65	1160	1204	52	52.5	87	1172-1202
6 468 70	1340	1384	52	52.5	87	1352-1382
6 468 75	1475	1519	52	52.5	87	1487-1517

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

NOTES



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Fax : (022) 3041 6201
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Fax : (011) 2699 0047 INOVAL

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KOLKATA – 700 098.
Tel.: (033) 4021 3535

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Andheri – (E), **MUMBAI** – 400 099.
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Tel.: (080) 80682 20000 INOVAL

6. Prestige Phoenix, 1st Floor,
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7. Unit No. 203, Tower B Bestech
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Tel.: (0522) 431 9316 INOVAL

10. 202 & 203, Sunrise, Forum 100,
Burdwan Compound, Lalpur,
RANCHI - 834 001.
Tel.: (651) 660 5400

11. A 101-102, Mondeal Heights,
Besides Novotel Hotel, Sarkhej
Gandhinagar Highway (S G Highway),
AHMEDABAD – 380 015.
Tel.: (079) 6134 0555 INOVAL

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Opp. Law College, Law College Road
Next To German Bakery,
Shivaji Nagar, **PUNE** - 411004.
Tel.: (020) 6729 5601 / 600 INOVAL

13. Plot No.95, 2nd Floor, Shreyash
Heights, VIP Road, Ramdaspeth,
NAGPUR – 440 010.
Tel.: (0712) 2440 900

14. 10 B, Prestige Center Court, Office Block,
Vijaya Forum Mall, #183,N.S.K. Salai,
Vadapalani, **CHENNAI** – 600 026.
Tel.: (044) 6612 2800 INOVAL

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Tel.: (0674) 254 0623

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DEHRADUN- 248 001.
Uttarakhand.
Tel.: (0135) 661 6100 INOVAL

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LUDHIANA – 141 001.
Tel.: (0161) 277 0301

23. 94, Udham Singh Sarani,
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SILIGURI – 734 001.
Tel.: (353) 264 1067

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L.P. Savani Road, Adajan,
SURAT - 395 009.
Tel.: (0261) 263 3861 INOVAL

25. Aparna Towers, 1st Floor, 2/3,
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Telefax : (0452) 230 8414

26. 43-9-205, 3rd Floor, Plot No. 10,
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LCS³/1500/10/2022

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Kolkata : Tel.: (033) 4021 3535 / 36
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