



DATA CENTRE
LOCAL AREA NETWORK

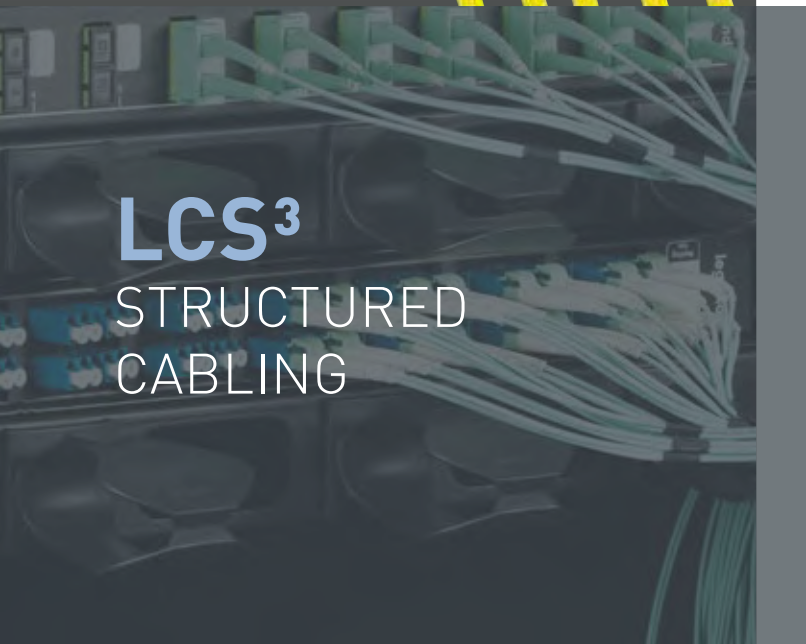
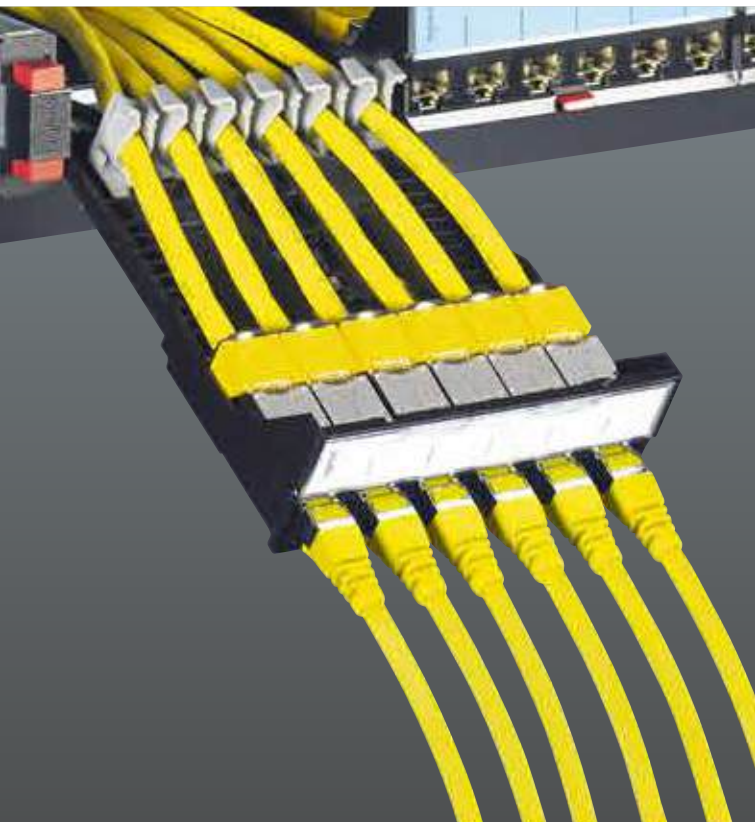
Data Solutions

CATALOGUE

PERFORMANCE - SCALABILITY - EFFICIENCY

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 **legrand**[®]



Selection charts



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LCS³ and Linkeo C
connectivity solutions

Copper



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Cat. 6A
patch panels and
connectors

Fiber optic



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LCS³ cables and
preterminated links

Audio/video system



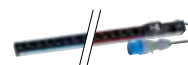
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Cords and
adaptors

LCS³ Enclosures



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NEW PRODUCTS



LCS³ fiber system

LCS3 acclAIM solution:
Panels, cassettes, trunks
and patchcords
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Linkeo C PDU's

Linkeo C basic and smart
PDU's
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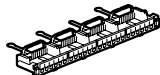
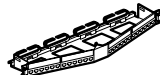
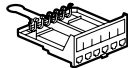
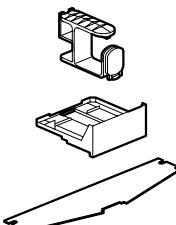


Linkeo C Power Leads

Linkeo C coloured power
leads for PDU's
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Legrand cabling system, LCS³ and Linkeo C copper selection chart

patch panels and connectors

			Cat. 6A	Cat. 6
LCS ³ 1U 19" FLAT PATCH PANELS				
	1U patch panels equipped with 24 connectors	STP	0 337 72	0 337 62
		UTP	0 337 70	0 337 60
		FTP	-	0 337 61
	1U patch panels to be equipped	With cassette	0 337 90	0 337 90
		Without cassette	0 337 91	0 337 91
1U High Density patch panel to be equipped with 48 ports		0 337 93	0 337 93	
LINKEO C 1U 19" FLAT PATCH PANELS				
	1U patch panels to be equipped		6 328 50	6 328 50
LCS ³ 1U 19" ANGLED PATCH PANELS				
	1U angled patch panel to be equipped		0 337 92	0 337 92
	1U High Density angled patch panel to be equipped		0 337 94	0 337 94
LCS ³ RJ 45 CONNECTORS AND CASSETTES TO BE EQUIPPED				
	6 RJ 45 connectors for flat and angled panel	STP	0 337 75	0 337 65
		UTP	0 337 73	0 337 63
		FTP	-	0 337 64
	Cassette for flat panels to be equipped		0 337 55	0 337 55
	Cassette with shutters for flat panels to be equipped		0 337 66	0 337 66
	High Density cassette for flat panels to be equipped		0 337 95	0 337 95
LINKEO C RJ 45 CONNECTORS				
	6 RJ 45 connectors for flat Linkeo C panel	STP	6 329 05	-
		UTP	6 329 06	6 329 23 6 329 09
ACCESSORIES				
	Cord guide		0 337 59	
	Blanking cassette		0 337 57	
	Port blanking modules		0 337 56	
	Cover		0 337 58	

Legrand cabling system, LCS³ copper selection chart

RJ 45 patch cords, copper cables

					Cat. 6A	Cat. 6
COPPER CABLES (305 M OR 500 M REELS)						
	LSZH	F/UTP	4 pairs	500 m	0 327 78	-
				500 m	0 327 78G	-
	PVC	U/UTP	4 pairs	305 m	-	0 327 55
				305 m	-	0 327 55 PK
				305 m	-	0 327 55 GR ⁽¹⁾
	PE	U/UTP	4 pairs, gel filled (external)	305 m	C6A FTP EX	0 328 29
RJ 45 PATCH CORDS LSC ³						
	LSZH	S/FTP	100 Ω impedance	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	-
		U/UTP	100 Ω impedance	1 m	0 518 78 0 518 74	0 518 62 0 518 58
				2 m	0 518 79 0 518 75	0 518 63 0 518 59
				3 m	0 518 80 0 518 76	0 518 64 0 518 60
				4 m	0 518 81 0 518 77	0 518 65 0 518 61
		S/FTP	100 Ω impedance	1 m	0 517 80	-
				2 m	0 517 81	-
				3 m	0 517 82	-
				5 m	0 517 83	-
		U/UTP	100 Ω impedance	1 m	0 518 82	0 517 72
				2 m	0 518 83	0 517 73
				3 m	0 518 84	0 517 74
				5 m	0 518 85	0 517 75

1: PVC sleeve printed with "Security Cable - Do Not Cut"

Legrand cabling system, Legrand copper selection chart

RJ 45 patch cords

						Cat. 6A	Cat. 6
RJ 45 PATCH CORDS							
	PVC	U/UTP	100 Ω impedance	0.3 m	Black	-	PLC 6 BL-0.3
					Blue	-	PLC 6 BU-0.3
					Grey	-	PLC 6 GR-0.3
					Purple	-	PLC 6 PU-0.3
					Red	-	PLC 6 RD-0.3
					White	-	PLC 6 WE-0.3
				0.5 m	Beige	PLC 6A BE-0.5	PLC 6 BE-0.5
					Black	PLC 6A BL-0.5	PLC 6 BL-0.5
					Blue	PLC 6A BU-0.5	PLC 6 BU-0.5
					Grey	-	PLC 6 GY-0.5
					Orange	-	PLC 6 OR-0.5
					Purple	-	PLC 6 PU-0.5
					Red	-	PLC 6 RD-0.5
					White	-	PLC 6 WE-0.5
					Yellow	-	PLC 6 YE-0.5
				0.7 m	Black	-	PLC 6 BL-0.7
					Blue	-	PLC 6 BU-0.7
					Grey	-	PLC 6 GR-0.7
					Purple	-	PLC 6 PU-0.7
					White	-	PLC 6 WE-0.7
				1.0 m	Beige	PLC 6A BE-1	PLC 6 BE-1
					Black	PLC 6A BL-1	PLC 6 BL-1
					Blue	PLC 6A BU-1	PLC 6 BU-1
					Green	PLC 6A GR-1	PLC 6 GR-1
					Grey	-	PLC 6 GY-1
					Orange	PLC 6A OR-1	PLC 6 OR-1
					Purple	PLC 6A PU-1	PLC 6 PU-1
					Red+	-	PLC 6 RD-1
					White	PLC 6A WE-1	PLC 6 WE-1
					Yellow	-	PLC 6 YE-1
				1.5 m	Black	-	PLC 6 BL-1.5
					Blue	PLC 6A BU-1.5	PLC 6 BU-1.5
					Grey	-	PLC 6 GR-1.5
					Orange	-	PLC 6 OR-1.5
					Purple	-	PLC 6 PU-1.5
					Red	-	PLC 6 RD-1.5
					White	-	PLC 6 WE-1.5
					Yellow	-	PLC 6 YE-1.5
				2.0 m	Black	PLC 6A BL-2	PLC 6 BL-2
					Blue	PLC 6A BU-2	PLC 6 BU-2
					Green	PLC 6A GR-2	PLC 6 GR-2
					Orange	PLC 6A OR-2	PLC 6 OR-2
					Purple	PLC 6A PL-2	PLC 6 PU-2
					Red	-	PLC 6 RD-2
					White	-	PLC 6 WE-2
					Yellow	-	PLC 6 YE-2

Legrand cabling system, Legrand copper selection chart

RJ 45 patch cords

						Cat. 6A	Cat. 6
RJ 45 PATCH CORDS							
	PVC	U/UTP	100 Ω impedance	3.0 m	Beige	PLC 6A BE-3	PLC 6 BE-3
					Black	PLC 6A BL-3	PLC 6 BL-3
					Blue	PLC 6A BU-3	PLC 6 BU-3
					Grey	-	PLC 6 GY-3
					Orange	-	PLC 6 OR-3
					Purple	-	PLC 6 PU-3
					Red	-	PLC 6 RD-3
					White	PLC 6A WE-3	PLC 6 WE-3
					Yellow	-	PLC 6 YW-3
				5.0 m	Beige	PLC 6A BE-5	PLC 6 BE-5
					Black	PLC 6A BL-5	PLC 6 BL-5
					Blue	PLC 6A BU-5	PLC 6 BU-5
					Grey	-	PLC 6 GY-5
					Purple	-	PLC 6 PU-5
					Red	PLC 6A RD-5	PLC 6 RD-5
					White	PLC 6A WE-5	PLC 6 WE-5
					Yellow	-	PLC 6 YE-5
				7.5 m	Beige	PLC 6A BE-7.5	PLC 6 BE-7.5
					Black	-	PLC 6 BL-7.5
					Blue	PLC 6A BU-7.5	PLC 6 BU-7.5
					Grey	-	PLC 6 GR-7.5
					Purple	-	PLC 6 PU-7.5
					Red	-	PLC 6 RD-7.5
				10 m	White	PLC 6A WE-7.5	PLC 6 WE-7.5
					Beige	PLC 6A BE-10	PLC 6 BE-10
					Black	-	PLC 6 BL-10
					Blue	-	PLC 6 BU-10
					Green	-	PLC 6 GR-10
					Grey	-	PLC 6 GY-10
					Purple	-	PLC 6 PU-10
					Red	-	PLC 6 RD-10
				15 m	White	PLC 6A WE-10	PLC 6 WE-10
					Yellow	-	PLC 6 YE-10
					Beige	-	PLC 6 BE-15
				20 m	Black	-	PLC 6 BL-15
					Blue	-	PLC 6 BU-15
					Beige	PLC 6A BE-20	-
					Black	-	PLC 6 BU-20
					Blue	-	PLC 6 BL-20
					White	PLC 6A WE-20	-

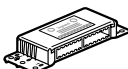
Legrand cabling system, LCS³ and Linkeo C copper selection chart

RJ 45 patch cords slimline, keystone and jacks

						Cat. 6A	Cat. 6
RJ 45 PATCH CORDS SLIMLINE							
	PVC	U/UTP	100 Ω impedance	0.5 m	 Beige	-	PLC 6 BE-0.5 SL
					 Black	-	PLC 6 BL-0.5 SL
					 Red	-	PLC 6 RD-0.5 SL
				0.75 m	 Beige	-	PLC 6 BE-0.75 SL
					 Black	-	PLC 6 BL-0.75 SL
					 Red	-	PLC 6 RD-0.75 SL
				1 m	 Beige	-	PLC 6 BE-1 SL
					 Black	-	PLC 6 BL-1 SL
					 Grey	-	PLC 6 GY-1 SL
					 Red	-	PLC 6 RD-1 SL
				1.5m	 Black	-	PLC 6 BL-1.5 SL
					 Green	-	PLC 6 GE-1.5 SL
				2.0 m	 Black	-	PLC 6 BL-2 SL
					 Red	-	PLC 6 BU-2 SL
					 White	-	PLC 6 YE-2 SL
3.0 m	 Black	-	PLC 6 BL-3 SL				
	 Blue	-	PLC 6 BU-3 SL				
	 Red	-	PLC 6 RD-3 SL				
KEYSTONE JACKS RJ 45							
	Linkeo C	Keystone	STP		6 329 05	-	
			UTP	 White  Black	- 6 329 06	6 329 23 6 329 09	
	LCS³	Keystone	STP		0 331 54	-	
			UTP	 White  Black	- 0 331 55	0 331 61 0331 81	
ARTEOR RJ 45 SOCKETS							
	1 module	STP	White	5 723 06	-		
			Magnesium	5 728 06	-		
		UTP	White	5 723 49	5 723 02		
			Magnesium	5 728 49	5 728 02		
	2 module	STP	White	5 723 50	-		
			Magnesium	5 728 50	-		
		UTP	White	5 723 57	5 723 14		
			Magnesium	5728 57	5 728 14		

Legrand cabling system, LCS³ copper selection chart

zone distribution boxes

					Cat. 6A	Cat. 6
ZONE DISTRIBUTION BOXES / CONSOLIDATION POINT						
	Zone distribution box to be equipped		12 ports		0 337 96	0 337 96
			24 ports		0 337 97	0 337 97
RJ 45 CONNECTORS FOR ZONE DISTRIBUTION BOXES						
	6 RJ 45 connectors		STP		0 337 75	0 337 65
			UTP		0 337 73	0 337 63
			FTP		-	0 337 64
RJ 45 CORDS FOR ZONE DISTRIBUTION BOXES						
	S/FTP cords	100 Ω impedance	RJ 45/stripped	8 m	0 517 86	-
				15 m	0 517 87	-
				20 m	0 517 88	-
			RJ 45 - RJ 45	8 m	0 515 23	-
				15 m	0 515 24	-
				20 m	0 515 25	-
	U/UTP cords	100 Ω impedance	RJ 45/stripped	8 m	-	0 517 57
				15 m	-	0 517 58
				20 m	-	0 517 59
			RJ 45 - RJ 45	8 m	-	0 515 10
				15 m	-	0 515 11
				20 m	-	0 515 12
	F/UTP cords	100 Ω impedance	RJ 45/stripped	8 m	-	0 517 96
				15 m	-	0 517 97
				20 m	-	0 517 98
			RJ 45 - RJ 45	8 m	-	0 515 13
				15 m	-	0 515 14
				20 m	-	0 515 15

Legrand cabling system, LCS³ fiber optic selection chart

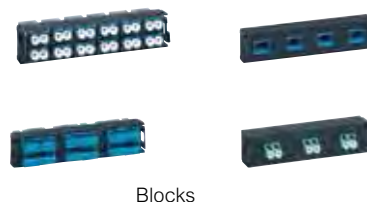
19" standard solutions

CONFIGURE YOUR LCS³ FIBER OPTIC SYSTEM

Example:



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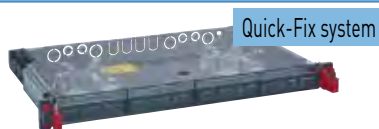
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DRAWERS TO BE EQUIPPED (p. 37)



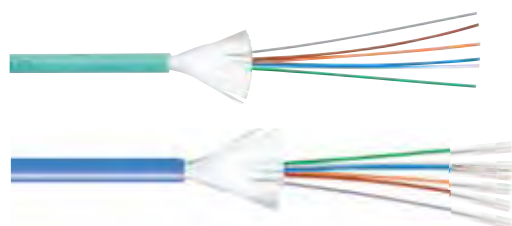
												
FIBER OPTIC DRAWERS				FIBER OPTIC BLOCKS								
Size	Type	Cat.No	Max. number of blocks	Number of fibers	SC duplex		SC duplex HD		SC APC duplex	LC duplex		
					Multimode	Single-mode	Multimode	Single-mode	Single-mode	Multimode	Single-mode	
19" modular	FLAT DRAWERS - QUICK-FIX SYSTEM											
	To be equipped with fiber optic blocks	0 321 00	4	6	0 321 20	0 321 10	-	-	0 321 12	0 321 23 0 321 36 (aqua)	0 321 13	
				12	-	-	0 321 21	0 321 11	-	0 321 24 0 321 37 (aqua)	0 321 14	
				24	-	-	-	-	-	-	-	
	ANGLED DRAWERS - QUICK-FIX SYSTEM											
	To be equipped with fiber optic blocks	0 321 01	4	6	0 321 20	0 321 10	-	-	0 321 12	0 321 23 0 321 36 (aqua)	0 321 13	
				12	-	-	0 321 21	0 321 11	-	0 321 24 0 321 37 (aqua)	0 321 14	
				24	-	-	-	-	-	-	-	

EQUIPPED DRAWERS (p. 37)



Size	Type	Capacity (fibers)	SC duplex		SC APC duplex
			Multimode	Single-mode	Single-mode
19" modular	SLIDING				
	Quick-Fix system	24	0 321 02	0 321 06	-
		48	-	-	-
19"	SLIDING				
	Screw fixing	24	0 321 61	0 321 64	0 321 66
		48	-	-	-
	ROTATING				
	Screw fixing	36	0 321 72	0 321 74	-
		72	-	-	-

1 : MTP is a registered trademark of US Conec Ltd



Cables



Cords



Pigtails (p. 40)



ACCESSORIES

LC duplex HD		LC APC duplex	ST		4 MTP ⁽¹⁾ feedthrough adaptor		Blanking plate	Copper block for 5 RJ 45	Cassette for pigtail	Coiling kit	Accessory for fan-out
Multimode	Single-mode	Single-mode	Multimode	Single-mode	Multimode	Single-mode					
-	-	-	0 321 27	0 321 17	0 321 34	0 321 33	0 321 29	0 321 32	0 321 30	0 321 31	0 321 28
-	-	0 321 16	-	-							
0 321 25	0 321 15	-	-	-							
-	-	-	0 321 27	0 321 17	0 321 34	0 321 33	0 321 29	-	0 321 30	0 321 31	0 321 28
-	-	0 321 16	-	-							
0 321 25	0 321 15	-	-	-							



LC duplex		LC APC duplex	ST
Multimode	Single-mode	Single-mode	Multimode
-	-	-	-
0 321 04	-	-	-
-	-	-	0 321 63
0 321 62	0 321 65	0 321 67	-
-	-	-	-
0 321 71	0 321 73	-	-

Legrand cabling system, LCS³ fiber optic selection chart

19" High Density solutions

CONFIGURE YOUR LCS³ HIGH DENSITY FIBER OPTIC SYSTEM

Example:



Modular panel



Cassettes



HIGH DENSITY PANELS TO BE EQUIPPED (p. 38)

HIGH DENSITY PANELS														
Size	Type	Cat.No			Capacity for 1U	Cat.No	Number of fibers	SC		SC HD		SC APC	LC	
		1 U	2 U	4 U				Multimode	Single-mode	Multimode	Single-mode	Single-mode	Multimode	
High Density 19" modular	To be equipped with cassettes to be equipped with fiber optic blocks				CASSETTES TO BE EQUIPPED		FIBER OPTIC BLOCKS							
					4	0 321 41	6	0 321 20 (duplex)	0 321 10 (duplex)	-	-	0 321 12	0 321 23 (duplex) 0 321 36 (duplex-aqua)	
							12	-	-	0 321 21 (duplex)	0 321 11 (duplex)	-	0 321 24 (duplex): HVBL12 (duplex Heather violet) 0 321 37 (duplex-aqua)	
							24	-	-	-	-	-	-	
	To be equipped with pre-equipped cassettes (supplied with set of 6 or 12 OM3 pigtails)	0 321 75	0 321 76	0 321 77	PRE-EQUIPPED CASSETTES		PRETERMINATED (A/C POLARITY)							
					4	-	12	-	-	0 321 43 (OM4)	0 321 45 (OS2)	-	0 321 48 (OM4)	
							24	-	-	0 321 59 (OM4)	0 321 60 (OS2)	-	-	
							WITH FIBER OPTIC BLOCKS + PIGTAILS							
							6	-	-	0 321 80 (duplex-OM3);	0 321 84 (duplex-OM3)	-	-	
					12	-	-	0 321 82 (duplex-OM3);	0 321 86 (duplex-OM3)	-	-			
	To be equipped with slim cassettes				SUPPORT FOR SLIM CASSETTES		PRETERMINATED - SLIM CASSETTES (UNIVERSAL POLARITY)							
					4	0 321 38	12	-	-	-	-	-	-	
Zero-U kit	To be equipped with slim cassettes	0 321 03			SUPPORT FOR SLIM CASSETTES		PRETERMINATED - SLIM CASSETTES (UNIVERSAL POLARITY)							
	1				0 321 38	12	-	-	-	-	-	-		
	PRE-EQUIPPED CASSETTES				PRETERMINATED (A/C POLARITY)									
	1				-	12	-	-	-	-	-	-	-	
						24	-	-	-	-	-	-	-	
						WITH FIBER OPTIC BLOCKS + PIGTAILS								
						6	-	-	0 321 80 (duplex-OM3);	0 321 84 (duplex-OM3)	-	-		
12	-	-	0 321 82 (duplex-OM3);	0 321 86 (duplex-OM3)	-	-								

1 : MTP is a registered trademark of US Conec Ltd



Links (p. 114)



Cords



Pigtails (p. 141)

											ACCESSORIES	
		LC HD		LC APC	ST		8 MTP ⁽¹⁾ feedthrough adaptor		Blanking cassette	RJ 45 copper cassette to be equipped	Cable management accessory	Front management HD modular panel
	Single-mode	Multimode	Single-mode	Single-mode	Multimode	Single-mode	Multimode	Single-mode				
	0 321 13	-	-	-	0 321 27	0 321 17	0 321 18	0 321 19	0 337 57	0 337 55 (to be equipped with copper connectors)	0 321 46 (for 1 U panel only, supplied for 2 U and 4 U panels)	0 321 78 (for 1 U panel only, supplied for 2 U and 4 U panels)
	0 321 14 (duplex)	-	-	0 321 16	-	-						
	-	HVBL24 (duplex Heaver violet) 0 321 25 (duplex)	0 321 15 (duplex)	-	-	-						
	0 321 49 (OS2)	-	-	-	-	-	-	-	0 337 57	0 337 55 (to be equipped with copper connectors)	0 321 46 (for 1 U panel only, supplied for 2 U and 4 U panels)	0 321 78 (for 1 U panel only, supplied for 2 U and 4 U panels)
	-	0 321 42 (OM4)	0 321 44 (OS2)	-	-	-						
	-	0 321 81 (duplex-OM3)	0 321 85 (duplex-OM3)	-	-	-						
	-	0 321 83 (duplex-OM3)	0 321 87 (duplex-OM3)	-	-	-						
	-	HVSL12 (OM4 Heather violet) 0 321 69 (OM4) 0 321 68 (OM3)	0 321 70 (OS2)	-	-	-						
	-	0 321 69 (OM4) 0 321 68 (OM3)	0 321 70 (OS2)	-	-	-	-	-	0 321 39	-	-	-
	-	0 321 48 (OM4)	0 321 49 (OS2)	-	-	-	-	-	-	0 337 55 (to be equipped with copper connectors)	-	-
	-	0 321 42 (OM4)	0 321 44 (OS2)	-	-	-						
	-	0 321 81 (duplex-OM3)	0 321 85 (duplex-OM3)	-	-	-						
	-	0 321 83 (duplex-OM3)	0 321 87 (duplex-OM3)	-	-	-						
	-	0 321 81 (duplex-OM3)	0 321 85 (duplex-OM3)	-	-	-						

Legrand cabling system, LCS³ fiber optic selection chart

LCS³ acclAIM solution

CONFIGURE YOUR LCS³ ACCLAIM FIBER OPTIC SYSTEM

Example:



1U panel

+



LCS³ acclAIM cassette
(OS 2 - 3 chapter)

+

MODULAR PANEL TO BE EQUIPPED

						
MODULAR PANELS		LCS ³ ACCLAIM CASSETTE				
		Single Mode	Multimode	Number of fibers per cassette	Capacity of cassette per 1U	capacity of fiber per 1U
1 U	0 321 75	A24SM2	A24MM4 (OM4)	24	4	96
2 U	0 321 75		A24MM5 (OM5)	24	4	96
3 U	0 321 75	A48SM2	A48MM4 (OM4)	48	4	192
			A48MM5 (OM5)	48	4	192

TOOLS

132095	MDC fiber cleaner
--------	-------------------



AcclAIM trunk
OS 2, 2, 4 (any)



Patchcord MDC OS2
(any of them)



TRUNKS

PATCHCORDS

Single Mode		Multimode		Length	LC-MDC (core)			MDC-MDC (core)		
24 fibers	48 fibers	24 fibers	48 fibers		OM4	OM5	OS2	OM4	OM5	OS2
C76DAJMMY010M		C76DAEMMY010M		10	132081 (1m)	132082 (1m)	132083 (1m)	132084 (1m)		132088 (1m)
C76DAJMMY020M		C76DAEMMY020M		20				132085 (2m)	132092 (2m)	132089 (2m)
C76DAJMMY030M		C76DAEMMY030M		30				132086 (3m)		132090 (3m)
C76DAJMMY040M		C76DAEMMY040M		40				132087 (5m)		132091 (5m)
C76DAJMMY050M	C76DEJMMY050M	C76DAEMMY050M	C76DEEMMY050M	50						

Legrand cabling system, LCS³ fiber optic selection chart

pigtails, cables and patch cords

PIGTAILS (p. 40)

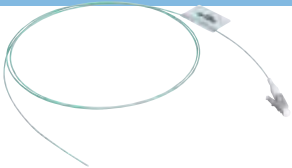
 									
Length (m)	OS2 - 9/125 µm					OM3 - 50/125 µm			
	SC - APC	LC - APC	SC - UPC	LC - UPC	ST - UPC	SC	LC	ST	
1	0 322 40	0 322 42	0 322 41	0 322 43 0 326 24 (set of 12 pigtails)	0 322 44	0 322 20	0 322 21 0 326 26 (set of 12 pigtails)	0 322 22	
2	0 322 45	0 322 48	0 322 46	0 322 47	0 322 49	0 322 23	0 322 24	-	

CABLES (p. 35)

Drum 1000m		OS2 - 9/125 µm				
		Number of fibers				
		6	12	24	48	
Tightbuffer LSZH sheath Indoor 		 0 325 33	 0 325 34	 0 325 35	-	
Mini - Loose Tube LSZH sheath Outdoor 		 MLT OS2 06	 MLT OS2 12	 MLT OS2 24	 MLT OS2 48	

PATCH CORDS (p. 40)

												
Length (m)	OS2 - 9/125 µm								OM3 - 50/125 µm			
	SC/SC duplex	Core™ fiber patch cords			SC/SC duplex	Ultra™ fiber patch cords			Core™ fiber patch cords			
		SC/LC duplex	LC/LC duplex	MDC/MDC duplex		SC/LC duplex	LC/LC duplex	LC/LC Uniboot duplex	SC/SC duplex	SC/LC duplex	LC/LC duplex	
0.5	-	-	0 326 28	-	-	-	-	-	-	-	-	
1	0 326 00	0 326 03	0 326 06	1 320 88	0 325 27	0 325 30-U	0 325 33-U	0 326 86	0 326 09	0 326 12	0 326 15	
2	0 326 01	0 326 04	0 326 07	1 320 89	0 325 28	0 325 31-U	0 325 34-U	0 326 87	0 326 10	0 326 13	0 326 16	
3	0 326 02	0 326 05	0 326 08	1 320 90	0 325 29	0 325 32-U	0 325 35-U	0 326 88	0 326 11	0 326 14	0 326 17	
5	-	-	0 326 29	1 320 91	-	-	0 325 36-U	0 326 89	-	-	-	
10	-	-	-	-	-	-	-	0 326 92	-	-	-	

																
OM4 - 50/125 µm				Heat-shrinkable sleeve	50/125 and 62.5/125 µm glue-on connectors		Fan-out units									
SC	LC	ST	SC		LC	6 fibers	12 fibers									
0 322 30	0 322 31 0 326 71 (set of 12 pigtails)	0 322 32	0 327 44 (pack of 50 sleeves)	0 331 47	0 331 00	0 330 48	0 330 49									
0 322 33	0 322 34	-														

OM3 - 50/125 µm					OM4 - 50/125 µm			
Number of fibers					Number of fibers			
6	12	24	48		6	12	24	48
0 325 30	0 325 31	0 325 32	-		0 325 66	0 326 67	-	-
MLT OM3 06	MLT OM3 12	MLT OM3 24	MLT OM3 48		MLT OM4 06	MLT OM4 12	MLT OM4 24	MLT OM4 48

OM4 - 50/125 µm									OM5 - 50/125 µm
Core™ fiber patch cords				Ultra™ fiber patch cords				Core™ fiber patch cords	
SC/SC duplex	SC/LC duplex	LC/LC duplex	MDC/MDC duplex	SC/SC duplex	LC/LC duplex	LC/LC Uniboot duplex	LC/LC duplex	LC/MDC duplex	MDC/MDC duplex
-	-	-	-	-	0 326 33	0 326 95	-	-	-
0 322 60	0 322 63	0 322 66	1 320 84	0 326 30	0 326 34	0 326 96	HVPC01	1 320 82	1 320 92
0 322 61	0 322 64	0 322 67	1 320 85	0 326 31	0 326 35	0 326 97	HVPC02	-	-
0 322 62	0 322 65	0 322 68	1 320 86	0 326 32	0 326 36	0 326 98	HVPC03	-	-
-	-	-	1 320 87	-	0 326 37	0 326 99	HVPC05	-	-
-	-	-	-	-	-	-	-	-	-

Legrand cabling system, LCS³ fiber optic selection chart

High Density preterminated links

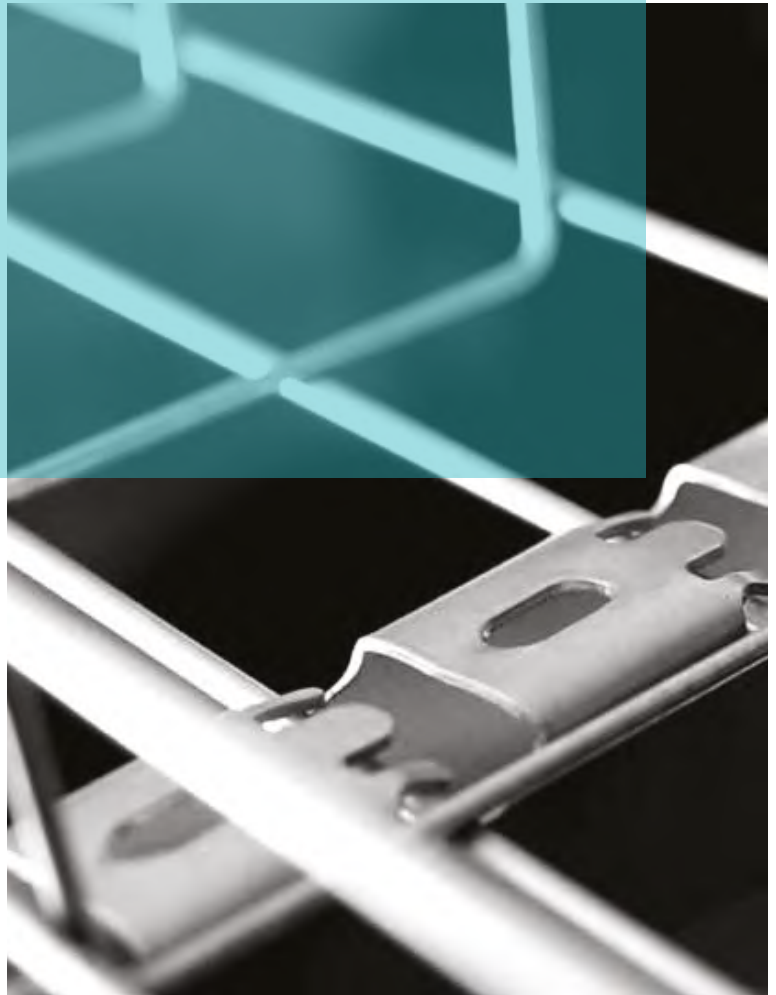
LCS ³ HIGH DENSITY PRETERMINATED LINKS (p. 40)		
		
Length (m)	MTP ⁽¹⁾ OS2	MTP ⁽¹⁾ OM3
	MTP ⁽¹⁾ - MTP ⁽¹⁾ 12 fibers	MTP ⁽¹⁾ - MTP ⁽¹⁾ 12 fibers
10	0 324 51	0 324 41
20	0 324 52	0 324 42
30	0 324 53	0 324 43
40	0 324 54	0 324 44
50	0 324 55	0 324 45

1 : MTP is a registered trademark of US Conec Ltd

 OM4 and OM5 High Density preterminated links
On request

FOR CUSTOM CABLE CONTAINMENT SOLUTIONS

Mechanical Support Systems (MSS) supply everything you'll need for a quality cable containment solution. Not just the cable tray, baskets or ladders, but everything else you might need, from fastenings and rods, trapeze kits and suspension systems, available for supply NZ Wide.



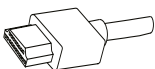
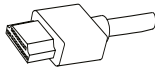
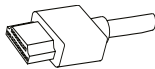
Mechanical Support Systems Cable Basket system provides a strong yet flexible solution needed to meet the demands of the power, data and systems cabling being installed in modern buildings.

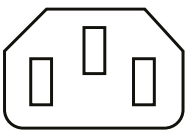
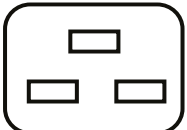
For more information on the MSS offering, go to:

mechanicalsupport.co.nz

Legrand cabling system, Legrand audio/video selection chart

cords and cables

HDMI CABLES					
	HDMI	v1.4	4K Ultra HD, 30Hz, 10.2GB/s	1 m	HDMI V14-1
				2 m	HDMI V14-2
				3 m	HDMI V14-3
				5 m	HDMI V14-5
	HDMI	v2.0	4k Ultra HD, 60Hz, 18GB/s, Slimline	0.5 m	HDMI V20-0.5
				0.75 m	HDMI V20-0.75
				1 m	HDMI V20-1
				1.5 m	HDMI V20-1.5
				2 m	HDMI V20-2
	HDMI	V2.0	4k Ultra HD, 60hz, 18GB/s	3 m	HDMI V20-3
				0.5 m	HDMI 18G-0.5
				1 m	HDMI 18G-1
				1.5 m	HDMI 18G-1.5
				2 m	HDMI 18G-2
				3 m	HDMI 18G-3
				4 m	HDMI 18G-4
				5 m	HDMI 18G-5
				7.5 m	HDMI 18G-7.5
				10 m	HDMI 18G-10
	HDMI	V2.0	4k Ultra HD, 60hz, 18GB/s, HDR	15 m	HDMI 18G-15
				20 m	HDMI 18G-20
				6 m	HDMI HDR-6
				9 m	HDMI HDR-9
				15 m	HDMI HDR-15
				20 m	HDMI HDR-20

PDU POWER CABLES					
	C13	C14	0.5 m	● Black	6 441 00
				● Blue	6 441 12
				● Red	6 441 06
			1 m	● Black	6 441 01
				● Blue	6 441 13
				● Red	6 441 07
			1.5 m	● Black	6 441 02
				● Blue	6 441 14
				● Red	6 441 08
			2 m	● Black	6 441 03
				● Blue	6 441 15
				● Red	6 441 09
	C19	C20	1 m	● Black	6 442 01
				● Blue	6 442 13
				● Red	6 442 07
			1.5 m	● Black	6 442 02
				● Blue	6 442 14
				● Red	6 442 08
			2 m	● Black	6 442 03
				● Blue	6 442 15
				● Red	6 442 09

Legrand cabling system, LCS³ Power Distribution Units selection chart

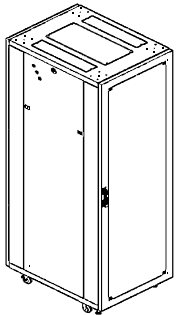
LINKEO C INTELLIGENT METERED PDU							
	Inlet Plug	V	Phases	A	Outlet Sockets	Base Version	Node version
	IEC 60309 1P+N+E	230	1	16	8 sockets (C13 x 8)	6 461 00	6 461 01
					22 sockets (C13 x 18 + C19 x 4)	6 461 02	6 461 03
				32	24 sockets (C13 x 20 + C19 x 4)	6 461 04	6 461 05
					36 HD sockets (C13 x 24 + C19 x 12)	6 461 06	6 461 07
					42 HD sockets (C13 x 36 + C19 x 6)	6 461 08	6 461 09
	IEC 60309 3P+N+E	400	3	16	36 HD sockets (C13 x 24 + C19 x 12)	6 461 10	6 461 11
				32	36 HD sockets (C13 x 24 + C19 x 12)	6 461 12	6 461 13
					42 HD sockets (C13 x 36 + C19 x 6)	6 461 16	6 461 17
					48 HD sockets (C13 x 36 + C19 x 12)	6 461 14	6 461 15
				LINKEO C INTELLIGENT SWITCHED PDU			
	C20 inlet, uses 646905/6	230	1	16	24 sockets (C13 x 21 + C19 x 4)	6 461 20	6 461 21
	IEC 60309 1P+N+E	230	1	32	22 sockets (C13 x 20 + C19 x 2)	6 461 22	6 461 23
					24 sockets (C13 x 21 + C19 x 3)	6 461 24	6 461 25
	IEC 60309 3P+N+E	400	3	32	24 sockets (C13 x 21 + C19 x 3)	6 461 26	6 461 27
					30 sockets (C13 x 24 + C19 x 6)	6 461 28	6 461 28

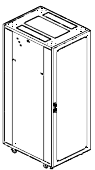
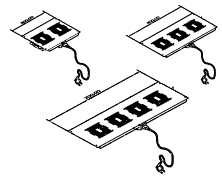
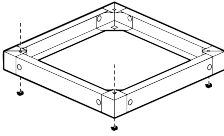
LINKEO C BASIC PDU							
	Inlet Plug	V	Phases	A	Outlet Sockets	Base Version	
	IEC 60309 1P+N+E	230	1	16	24 sockets (C13 x 18 + C19 x 6)	6 469 60	
					24 sockets (C13 x 20 + C19 x 4)	6 469 61	
				32	24 sockets (C13 x 12 + C19 x 12)	6 469 63	
					24 sockets (C13 x 20 + C19 x 4)	6 469 62	
					36 HD sockets (C13 x 24 + C19 x 12)	6 469 71	
	IEC 60309 3P+N+E	400	3	16	42 HD sockets (C13 x 36 + C19 x 6)	6 469 72	
					24 sockets (C13 x 21 + C19 x 3)	6 469 64	
					30 sockets (C13 x 24 + C19 x 6)	6 469 65	
					36 HD sockets (C13 x 24 + C19 x 12)	6 469 11	
				32	36 HD sockets (C13 x 24 + C19 x 12)	6 469 10	
					36 HD sockets (C13 x 24 + C19 x 12)	6 469 73	
					42 HD sockets (C13 x 36 + C19 x 6)	6 469 75	
					48 HD sockets (C13 x 36 + C19 x 12)	6 469 74	

LINKEO C BASIC PDU WITH LOCAL MONITORING						
	IEC 60309 1P+N+E	230	1	32	24 sockets (C13 x 20 + C19 x 4)	6 469 66
	IEC 60309 3P+N+E	400	3	16	42 HD sockets (C13 x 36 + C19 x 6)	6 469 70

Legrand cabling system, Legrand enclosures selection chart

server cabinets, side panels, cabling and wall-mounting cabinets

LEGRAND SMARTRAK II 19" SERVER CABINETS			Width 600 mm	Width 800 mm
	27 U	Depth 600 mm	SR 27606 BVA	-
		Depth 800 mm	-	SR 27808 BVA
		Depth 1 m	SR 27610 BVA	SR 27810 BVA
	42 U	Depth 600 mm	SR 42606 BVA	-
		Depth 800 mm	SR 42608 BVA	SR 42808 BVA
		Depth 1 m	SR 42610 BVA	SR 42810 BVA
		Depth 1.2 m	-	SR 42812 BVA
	45 U	Depth 600 mm	SR 45606 BVA	-
		Depth 800 mm	SR 45608 BVA	SR 45808 BVA
		Depth 1 m	SR 45610 BVA	SR 45810 BVA
		Depth 1.2 m	-	SR 45812 BVA
	47 U	Depth 800 mm	-	SR 47808 BVA
		Depth 1.2 m	-	SR 47812 BVA

LEGRAND SMARTRAK II 19" SERVER CABINET ACCESSORIES			
			
CABINET	SHELF	FAN KIT	PLINTH
SR 27606 BVA	MV SSR 0606	SR FTR 0600	SR PL 0606
SR 27610 BVA	MV SSR 0610	SR FTR 1000	SR PL 0610
SR 27808 BVA	MV SSR 0808	SR FTR 0800	SR PL 0808
SR 27810 BVA	MV SSR 0810	SR FTR 1000	SR PL 0810
SR 42606 BVA	MV SSR 0606	SR FTR 0600	SR PL 0606
SR 42608 BVA	MV SSR 0608	SR FTR 0800	SR PL 0608
SR 42610 BVA	MV SSR 0610	SR FTR 1000	SR PL 0610
SR 42808 BVA	MV SSR 0808	SR FTR 0800	SR PL 0808
SR 42810 BVA	MV SSR 0810	SR FTR 1000	SR PL 0810
SR 42812 BVA	-	SR FTR 1200	SR PL 0812
SR 45606 BVA	MV SSR 0606	SR FTR 0600	SR PL 0606
SR 45608 BVA	MV SSR 0608	SR FTR 0800	SR PL 0608
SR 45610 BVA	MV SSR 0610	SR FTR 1000	SR PL 0610
SR 45808 BVA	MV SSR 0808	SR FTR 0800	SR PL 0808
SR 45810 BVA	MV SSR 0810	SR FTR 1000	SR PL 0810
SR 45812 BVA	-	SR FTR 1200	SR PL 0812
SR 47808 BVA	MV SSR 0808	SR FTR 0800	SR PL 0808
SR 47812 BVA	-	SR FTR 1200	SR PL 0812

Legrand cabling system, Legrand enclosures selection chart

server cabinets, side panels, cabling and wall-mounting cabinets

ETL WALL MOUNTED CABINETS (FIXED) ¹				Depth 450 mm	
	4 U	Width 600 mm	Height 340 mm	WF 445	
	6 U	Width 600 mm	Height 430 mm	WF 645	
	9 U	Width 600 mm	Height 565 mm	WF 945	
	12 U	Width 600 mm	Height 600 mm	WF 1245	
	15 U	Width 600 mm	Height 840 mm	WF 1545	
	18 U	Width 600 mm	Height 975 mm	WF 1845	
	24 U	Width 600 mm	Height 1250 mm	WF 2445	
ETL WALL MOUNTED CABINETS (WITH SWING OUT MOUNTING) ¹				Depth 550 mm	Depth 600 mm
	6 U	Width 600 mm	Height 430 mm	WS 610 45	WS 610 55
	9 U	Width 600 mm	Height 565 mm	WS 910 45	WS 910 55
	12 U	Width 600 mm	Height 600 mm	WS 1210 45	WS 1210 55
	15 U	Width 600 mm	Height 840 mm	WS 1510 45	WS 1510 55
	18 U	Width 600 mm	Height 975 mm	WS 1810 45	WS 1810 55
	24 U	Width 600 mm	Height 1250 mm	WS 2410 45	WS 2410 55

ETL WALL MOUNTED CABINET SHELVES ¹				Depth 450 mm	
	Cantilever Shelf	1 U	Depth 190 mm	EC ACS 1U 190	
			Depth 270 mm	EC ACS 1U 270	
		2 U	Depth 260 mm	EC ACS 2U 260	
			Depth 380 mm	EC ACS 2U 380	

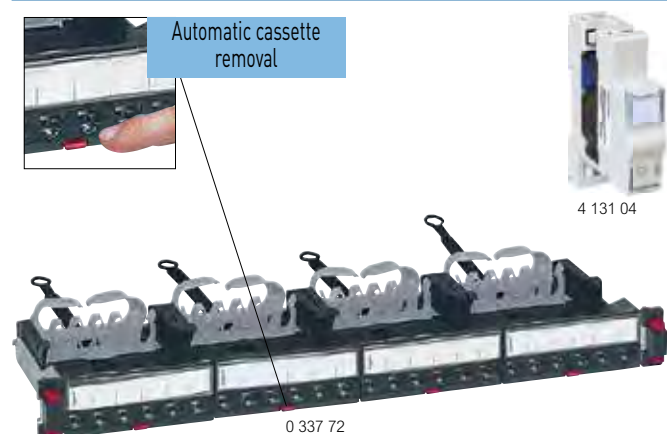
¹ Contact TRICAL directly for more information or to order the ETL cabinet range:

T: +64 9 527 0072

E: sales.trical@legrand.com

Legrand cabling system, LCS³ cat. 6A

flat patch panels - equipped



Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	
		Cat. 6A patch panels equipped with 24 RJ 45 connectors
		19" panel - 1U Equipped with 4 cassettes of 6 pre-fitted Cat. 6A LCS ³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cables during maintenance Supplied with coloured labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
1	0 337 70	UTP
1	0 337 72	STP
		Cat. 6A DIN mounted patch panel equipped
		DIN mounted RJ45 toolless jack PoE ++ Compliant with ISO/IEC 11801 Ed3.0, IEC 60512-99-002, ANSI/TIA 568.2-D
1	4 131 04	STP

Legrand cabling system, cat. 6A

flat patch panels, to be equipped



Pack	Cat.Nos	
		Linkeo C 19" flat patch panels - to be equipped
		19" panels - 1U Equipped with cable management and label holder as standard Universal mounting on all cabinets or enclosures Pre - position hooks on panel for a quick look positioning Equipped with 4 bundles guides fixed at the rear
		Flat panel to be equipped with connectors
1	6 328 50	Takes up to 24 Cat. 6 to Cat. 6A RJ 45 Linkeo C connectors
		Linkeo C Cat. 6A RJ 45 connectors
		Keystone toolless RJ 45 connector Accepts from AWG 23 to AWG 26 solid and stranded conductors Contacts marked with dual colour code for wiring schemes T 568 A and T 568 B Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series
24	6 329 06	UTP
24	6 329 05	STP
		LCS³ 19" flat patch panels - to be equipped
		19" panels - 1U Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights Universal mounting on all cabinets or enclosures Panels ensure automatic earthing of each connector Equipped with 4 bundles guides fixed at the rear
		Flat panel with empty cassettes to be equipped with connectors
1	0 337 90	Equipped with 4 automatically removable cassettes, takes up to 24 Cat. 6 to Cat. 6A RJ 45 connectors
		Empty flat panel to be equipped with cassettes
1	0 337 91	Takes a maximum of 4 automatically removable cassettes: - copper to be equipped with Cat. 6 to Cat. 6A RJ 45 connectors - fibre optic
		High Density flat panel with empty cassettes to be equipped with connectors
1	0 337 93	Equipped with 4 High Density cassettes, takes up to 48 Cat. 6 to Cat. 6A RJ 45 connectors
		DIN box for 4 RJ45 LCS³ connectors
1	4 131 80	DIN mounted Takes up to four Cat. 6 to Cat. 6A RJ45 toolless connectors

Legrand cabling system, LCS³ cat. 6A

angled patch panels to be equipped, connectors



0 337 92



0 337 94



0 337 75



Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights.
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 concentric strand guides fixed at the rear

Pack	Cat.Nos	Angled patch panels - to be equipped
		19" panels - 1U
1	0 337 92	Angled patch panel to be equipped with connectors Takes up to 24 Cat. 5e to Cat. 6A RJ 45 connectors
1	0 337 94	High Density angled panel to be equipped with connectors Takes up to 48 Cat. 5e to Cat. 6A RJ 45 connectors
		Cat. 6A High Density RJ 45 connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped
6	0 337 73	Set of 6 RJ 45 connectors UTP
6	0 337 75	STP

Legrand cabling system, LCS³ cat. 6A

accessories



0 337 56



0 337 59



0 337 55



0 337 57



0 337 58

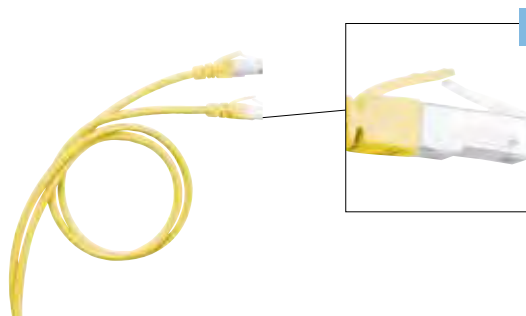
Pack	Cat.Nos	Common accessories for flat and angled panels
10	0 337 56	Port blanking modules Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density solutions)
1	0 337 59	Cord management 2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification
		Specific accessories for flat panels
1	0 337 55	Cassette for flat panels to be equipped Removable empty cassette to be equipped with connectors, takes 6 Cat. 5e to Cat. 6A connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 95	High Density cassette for flat panels to be equipped Removable empty cassette to be equipped with connectors, takes 12 Cat. 5e to Cat. 6A connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 57	Blanking cassette To be used to fill gaps in the panel
		Specific accessory for angled panels
1	0 337 58	Cover Optimises air flow management in the enclosure

Legrand cabling system, LCS³ cat. 6A

cables and cords



0 327 78



0 517 82

Easy grip

Pack	Cat.Nos	Cat. 6A cables for local networks
500 ¹	0 327 78	Performance 500 MHz 4 twisted pair cables, 100 Ω LSZH sheath: zero halogen ANSI/TIA colour code Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Products conforming to the CPR regulations F/UTP - 4 pairs Length 500 m. Yellow sleeve. Supplied on reel. Weight 35 kg Euroclass Dca
500 ¹	0 327 78G	F/UTP - 4 pairs Length 500m. Grey Sleeve. Supplied on reel. Weight 35 kg Euroclass Dca
500 ¹	C6A FTP EX	Cat. 6A Outdoor cable for local networks Performance 500 MHz 4 twisted pair cable, 100 Ω PE sheath: Gel filled ANSI/TIA colour code Compliant with EIA/TIA 568-C.2, AS/NZS 3080, ACMA AS/CA S008 standards U/UTP - 4 pairs - outdoor Length 500 m. Supplied on reel. Weight 36 kg
500 ¹	0 338 90	Cat. 7 Outdoor cable for local networks Performance 600 MHz 4 twisted pair cable, 100 Ω PE sheath: Gel filled ANSI/TIA colour code Compliant with EN 50173-1, 50288-4-1, ISO/IEC 11801 (ed.2.2) IEC 61156-5, IEEE 802.3bt : PoE++ S/FTP - 4 pairs - outdoor Length 500 m. Supplied on reel. Weight 36 kg Euroclass EaC

Pack	Cat.Nos	Cat. 6A RJ 45 patch cords
1	0 518 70	LSZH RJ 45/RJ 45 - flat With special "easy grip" plug Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Shielded S/FTP, impedance 100 Ω 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
1	0 518 78	Unscreened U/UTP, impedance 100 Ω 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
5	0 517 80	PVC RJ 45/RJ 45 - flat With special "easy grip" plug Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Shielded S/FTP, impedance 100 Ω Length 1 m
5	0 517 81	Length 2 m
5	0 517 82	Length 3 m
5	0 517 83	Length 5 m
1	0 518 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

Legrand cabling system, cat. 6A

Patch leads



PLC 6A RD-5

PLC 6A OR-5

Pack	Cat.Nos	Cat. 6A RJ 45 patch cords
		RJ 45/RJ 45 - flat PVC Sleeve With special "easy grip" plug Compliant with ISO/IEC 11 801, ANSI/TIA 568.2-DE TE standards
		Shielded S/FTP, impedance 100 Ω
1	PLC 6A BE-0.5	Length 0.5 m
1	PLC 6A BE-1	Length 1 m
1	PLC 6A BE-1.5	Length 1.5 m
1	PLC 6A BE-2	Length 2 m
1	PLC 6A BE-3	Length 3 m
1	PLC 6A BE-5	Length 5 m
1	PLC 6A BE-7.5	Length 7.5 m
1	PLC 6A BE-10	Length 10 m
1	PLC 6A BE-20	Length 20 m
		Black
1	PLC 6A BL-0.5	Length 0.5 m
1	PLC 6A BL-1	Length 1 m
1	PLC 6A BL-1.5	Length 1.5 m
1	PLC 6A BL-2	Length 2 m
1	PLC 6A BL-3	Length 3 m
1	PLC 6A BL-5	Length 5 m
1	PLC 6A BL-7.5	Length 7.5 m
1	PLC 6A BL-10	Length 10 m
1	PLC 6A BL-20	Length 20 m
		Blue
1	PLC 6A BU-0.5	Length 0.5 m
1	PLC 6A BU-1	Length 1 m
1	PLC 6A BU-1.5	Length 1.5 m
1	PLC 6A BU-2	Length 2 m
1	PLC 6A BU-3	Length 3 m
1	PLC 6A BU-5	Length 5 m
1	PLC 6A BU-7.5	Length 7.5 m
		Green
1	PLC 6A GN-1	Length 1 m
1	PLC 6A GN-2	Length 2 m
		Orange
1	PLC 6A OR-1	Length 1 m
1	PLC 6A OR-2	Length 2 m
		Purple
1	PLC 6A PL-1	Length 1 m
1	PLC 6A PL-2	Length 2 m
		Red
1	PLC 6A RD-5	Length 5 m
		White
1	PLC 6A WE-1	Length 1 m
1	PLC 6A WE-3	Length 3 m
1	PLC 6A WE-5	Length 5 m
1	PLC 6A WE-7.5	Length 7.5 m
1	PLC 6A WE-10	Length 10 m
1	PLC 6A WE-20	Length 20 m
		Yellow
1	PLC 6A YE-5	Length 5 m

Legrand cabling system, cat. 6A

RJ 45 jacks



0 331 54



6 329 06



6 327 79



0 337 49

LCS³ cat. 6A Keystone RJ 45 sockets

Pack	Cat.Nos	
		Keystone toolless RJ 45 connector Accepts from AWG 22 to AWG 26 solid and stranded conductors POE 90w (type 4)
		Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series ICE 60603-7 series IEC 60512-99-001 IEC 60512-99-002
10	0 331 55	UTP
10	0 331 54	STP

Linkeo C Cat. 6A RJ 45 connectors

		Keystone toolless RJ 45 connector Accepts from AWG 23 to AWG 26 solid and stranded conductors Contacts marked with dual colour code for wiring schemes T 568 A and T 568 B
		Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series
24	6 329 06	UTP
24	6 329 05	STP

		Keystone adaptor Keystone adaptor for LCS ³ and Linkeo C jacks to fit Legrand Excel Life cover plates
1	EMKEYSTONELWE	○ Adaptor white
1	EMKEYSTONELBL	● Adaptor black
1	EMKEYSTONELUG	● Adaptor urban grey

		STP Cat. 6A cable extender To be used to extend a cable quickly and easily
1	0 337 43	

		STP Cat. 6A field plug To be used to make a direct connection on any IP equipment (switch, PoE LED panel, camera, Wi-Fi access point, etc) No tools required
1	0 337 49	

		Surface mounting box - 1 or 2 ports For Keystone connectors For surface mounting installations Can be fixed to a table or used in conjunction with mini-trunking
1	6 327 79	

Legrand cabling system, LCS³ cat. 6A

RJ 45 Arteor connections



5 723 06



5 723 50



5 728 49

Mechanisms to be equipped with support frames and plates
Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6A RJ 45 sockets - Arteor
		Metal shielding
		STP - 1 module
10	5 723 06	○ White
10	5 728 06	● Magnesium
10	5 723 51	○ White with orange shutter
10	5 728 51	● Magnesium with orange shutter
10	5 723 52	○ White with green shutter
10	5 728 52	● Magnesium with green shutter
		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 58	○ White with orange shutter
10	5 728 58	● Magnesium with orange shutter
10	5 723 59	○ White with green shutter
10	5 728 59	● Magnesium with green 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

Legrand cabling system, LCS³ cat. 6A

zone distribution box solution



0 337 97



0 337 75

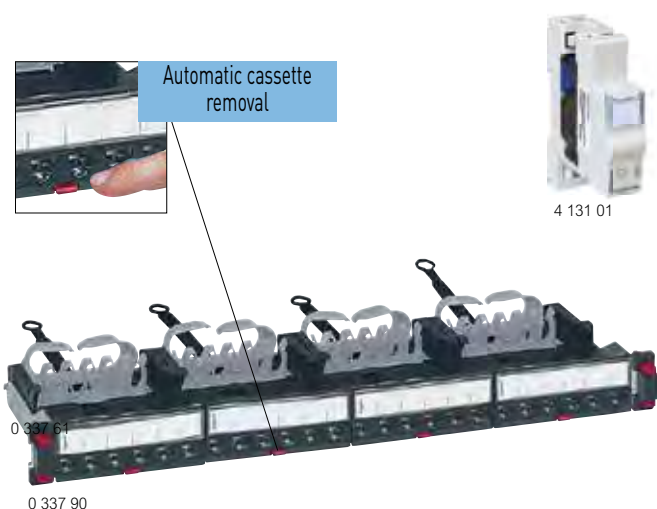


0 786 28

Pack	Cat.Nos	Zone distribution boxes to be equipped
		For distributing data in an area equipped with 1 to 24 RJ 45 sockets Centralise connections to ensure flexibility and scalability of the installation For installation in false ceilings or raised access floors The boxes connect to the patching enclosure or floor cabinet Connection to an RJ 45 socket with an RJ 45/stripped cord or to a Mosaic RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards T568A and B marking with colour codes Technical characteristics: polycarbonate cover (PC), polypropylene base (PP), RAL 7035 To be equipped directly with High Density RJ 45 connectors
1	0 337 96	12 ports to be equipped
1	0 337 97	24 ports to be equipped
		Cat. 6A High Density RJ 45 connectors
6	0 337 73	Set of 6 RJ 45 connectors
6	0 337 75	UTP
		Cat. 6A cords - RJ 45/stripped
		RJ 45/stripped - straight Plug in and out of the zone distribution boxes and connect to an LCS ³ connector of an RJ 45 socket via the stripped side Cables prepared in factory, "ready for wiring" Compliant with ISO/IEC 11801 Ed. 2.0 (2011), EN 50173-1 and EIA/TIA 568 C2 standards
		Shielded S/FTP, impedance 100 Ω
1	0 517 86	Length 8 m
1	0 517 87	Length 15 m
1	0 517 88	Length 20 m
		Cat. 6A cords - RJ 45/RJ 45
		For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure safe connection, plus speed and reliability of connection Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
		Shielded S/FTP, impedance 100 Ω
1	0 515 23	Length 8 m
1	0 515 24	Length 15 m
1	0 515 25	Length 20 m

Legrand cabling system, LCS³ cat. 6

flat patch panels - equipped



Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 bundles guides fixed at the rear

Pack	Cat.Nos	
		Cat. 6 patch panels equipped with 24 RJ 45 connectors
		19" panels - 1U Equipped with 4 cassettes of 6 pre-fitted Cat. 6 LCS ³ RJ 45 connectors Automatic cassette removal by simple pressure Each connector can be removed individually T568A and B marking with colour codes Equipped with rear cable guide to hold cables during maintenance Supplied with numbered colour labels Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
		Flat panels
		24 RJ 45 connectors - 1U - PoE++
1	0 337 60	UTP
1	0 337 61	FTP
1	0 337 62	STP
		Cat. 6 DIN mounted patch panel equipped
		DIN mounted RJ45 toolless jack PoE ++ Compliant with ISO/IEC 11801 Ed3.0, IEC 60512-99-002, ANSI/TIA 568.2-D
1	4 131 01	UTP

Legrand cabling system, Cat. 6

flat patch panels, to be equipped



Pack	Cat.Nos	
		Linkeo C 19" flat patch panels - to be equipped
		19" panels - 1U Equipped with cable management and label holder as standard Universal mounting on all cabinets or enclosures Pre - position hooks on panel for a quick look positioning Equipped with 4 bundles guides fixed at the rear
		Flat panel to be equipped with connectors
1	6 328 50	Takes up to 24 Cat. 6 to Cat. 6A RJ 45 Linkeo C connectors
		Linkeo C Cat. 6 RJ 45 connectors
		Keystone toolless RJ 45 connector Accepts from AWG 23 to AWG 26 solid and stranded conductors Contacts marked with dual colour code for wiring schemes T 568 A and T 568 B Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series
24	6 329 09	UTP
		LCS³ 19" flat patch panels - to be equipped
		19" panels - 1U Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights Universal mounting on all cabinets or enclosures Panels ensure automatic earthing of each connector Equipped with 4 bundles guides fixed at the rear
		Flat panel with empty cassettes to be equipped with connectors
1	0 337 90	Equipped with 4 automatically removable cassettes, takes up to 24 Cat. 6 to Cat. 6A RJ 45 connectors
		Empty flat panel to be equipped with cassettes
1	0 337 91	Takes a maximum of 4 automatically removable cassettes: - copper to be equipped with Cat. 6 to Cat. 6A RJ 45 connectors - fibre optic
		High Density flat panel with empty cassettes to be equipped with connectors
1	0 337 93	Equipped with 4 High Density cassettes, takes up to 48 Cat. 6 to Cat. 6A RJ 45 connectors
		DIN box for 4 RJ45 LCS³ connectors
1	4 131 80	DIN mounted Takes up to four Cat. 6 to Cat. 6A RJ45 toolless connectors

Legrand cabling system, LCS³ cat. 6

angled patch panels to be equipped, connectors



0 337 92



0 337 94



0 337 63



Equipped with new-generation Quick-Fix for automatic (screwless) mounting on enclosure and cabinet uprights
Universal mounting on all cabinets or enclosures
Panels ensure automatic earthing of each connector
Equipped with 4 concentric strand guides fixed at the rear

Pack	Cat.Nos	Angled patch panels - to be equipped
		19" panels - 1U
1	0 337 92	Angled patch panel to be equipped with connectors Takes up to 24 Cat. 5e to Cat. 8 RJ 45 connectors
1	0 337 94	High Density angled panel to be equipped with connectors Takes up to 48 Cat. 5e to Cat. 6A RJ 45 connectors
		Cat. 6 High Density RJ 45 connectors
		Quick-connect connection (no tools required) T568A and B marking with colour codes Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards To be installed in cassettes for flat panels or directly in an angled panel or a zone distribution box to be equipped
6	0 337 63	Set of 6 RJ 45 connectors UTP
6	0 337 64	FTP
6	0 337 65	STP

Legrand cabling system, LCS³ cat. 6

accessories



0 337 56



0 337 59



0 337 55



0 337 57

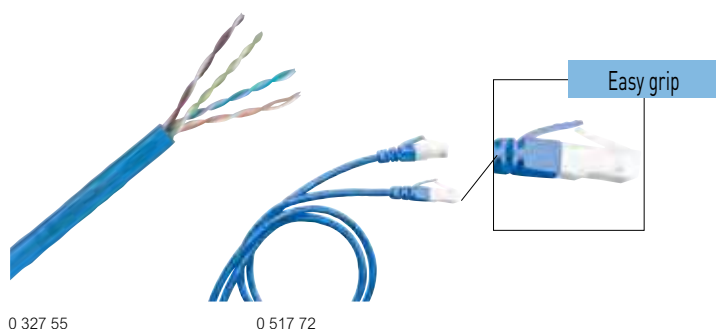


0 337 58

Pack	Cat.Nos	Common accessories for flat and angled panels
10	0 337 56	Port blanking plate Separable blanking plate For covering 1 to 6 ports or 1 to 12 ports individually (High Density solutions)
1	0 337 59	Cord management 2 cable guides to be clipped onto new-generation Quick-Fix Provide side cord management Label-holder for identification
		Specific accessories for flat panels
1	0 337 55	Cassette for flat panels to be equipped Removable empty cassette to be equipped with connectors, takes 6 Cat. 5e to Cat. 8 connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 95	High Density cassette for flat panels to be equipped Removable empty cassette to be equipped with connectors, takes 12 Cat. 5e to Cat. 6A connectors Can be removed by simple pressing on the cassette, for ease of installation and maintenance For equipping flat panels
1	0 337 57	Blanking cassette To be used to fill gaps in the panel
		Specific accessory for angled panels
1	0 337 58	Cover Optimises air flow management in the enclosure

Legrand cabling system, LCS³ cat. 6

cables and cords



PLC 6 RD -1SL

0 327 55

0 517 72

Pack	Cat.Nos	Cat. 6 cables for local networks
305 ¹	0 327 55	Performance 250 MHz Cables with 4 pairs or 2 x 4 twisted pairs, 100 Ω Blue RAL 5015 PVC sleeve ANSI/TIA colour code Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards Products conforming to the CPR regulations Euroclass Eca U/UTP - 4 pairs Blue Length 305 m Supplied in cardboard box. Weight 13 kg
305 ¹	0 327 55 PK	Pink Length 305m Supplied in cardboard box. Weight 13 kg
305 ¹	0 327 55 GN	Green with printing "Security Cable Do not Cut" Length 305 m Supplied in cardboard box. Weight 13 kg
Pack	Cat.Nos	Cat. 6 Outdoor cable for local networks
500 ¹	0 328 29	Performance 250 MHz 4 twisted pair cable, 100 Ω PE sheath: Gel filled ANSI/TIA colour code Compliant with ANSI/TIA 568.2-D, EN 50173-1, EN 50288-6-1, ISO/IEC 11801 (ed. 2.2), IEC 61156-5 PoE+ : IEEE 802.3a U/UTP - 4 pairs - outdoor Length 500 m. Supplied on reel. Weight 36 kg
Pack	Cat.Nos	Cat. 6 RJ 45 patch cords and user cords
		LSZH
1	0 518 62	Unscreened U/UTP, impedance 100 Ω
1	0 518 63	Length 1 m
1	0 518 64	Length 2 m
1	0 518 65	Length 3 m
1	0 518 65	Length 5 m
5	0 518 58	Length 1 m
5	0 518 59	Length 2 m
5	0 518 60	Length 3 m
1	0 518 61	Length 5 m
		PVC
		RJ 45/RJ 45 - straight
		Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards
5	0 517 72	Unscreened U/UTP impedance 100 Ω
5	0 517 73	Length 1 m
5	0 517 74	Length 2 m
5	0 517 74	Length 3 m
1	0 517 75	Length 5 m

Pack	Cat.Nos	Cat. 6 RJ 45 patch cords and user cords
		Unscreened Slim Cable U/UTP, 100Ω
1	PLC 6 BE-0.5 SL	Length 0.5 m
1	PLC 6 BE-0.75 SL	Length 0.75 m
1	PLC 6 BE-1 SL	Length 1 m
1	PLC 6 BE-1.5 SL	Length 1.25 m
1	PLC 6 BE-2SL	Length 2 m
1	PLC 6 BE-3SL	Length 3 m
1	PLC 6 BL-0.5 SL	Length 0.5 m
1	PLC 6 BL-0.75 SL	Length 0.75 m
1	PLC 6 BL-1 SL	Length 1 m
1	PLC 6 BL-1.25 SL	Length 1.25 m
1	PLC 6 BL-1.5 SL	Length 1.5 m
1	PLC 6 BL-2 SL	Length 2 m
1	PLC 6 BL-3 SL	Length 3 m
1	PLC 6 BU-0.5 SL	Length 0.5 m
1	PLC 6 BU-0.75 SL	Length 0.75 m
1	PLC 6 BU-1 SL	Length 1 m
1	PLC 6 BU-1.25 SL	Length 1.25 m
1	PLC 6 BU-1.5 SL	Length 1.5 m
1	PLC 6 BU-2 SL	Length 2 m
1	PLC 6 BU-3SL	Length 3 m
1	PLC 6 GR-0.5 SL	Length 0.5 m
1	PLC 6 GR-1 SL	Length 1 m
1	PLC 6 GR-1.5 SL	Length 1.5 m
1	PLC 6 GR-2 SL	Length 2 m
1	PLC 6 RD-0.5 SL	Length 0.5 m
1	PLC 6 RD-0.75 SL	Length 0.75 m
1	PLC 6 RD-1 SL	Length 1 m
1	PLC 6 RD-1.5 SL	Length 1.25 m
1	PLC 6 RD-2 SL	Length 2 m
1	PLC 6 RD-3 SL	Length 3 m
1	PLC 6 WE-0.5 SL	Length 0.5 m
1	PLC 6 WE-0.75 SL	Length 0.75 m
1	PLC 6 WE-1 SL	Length 1 m
1	PLC 6 WE-1.25 SL	Length 1.25 m
1	PLC 6 WE-1.5 SL	Length 1.5 m
1	PLC 6 WE-2 SL	Length 2 m
1	PLC 6 WE-3 SL	Length 3 m
1	PLC 6 YE-0.5 SL	Length 0.5 m
1	PLC 6 YE-0.7 SL	Length 0.7 m
1	PLC 6 YE-1 SL	Length 1 m
1	PLC 6 YE-1.25 SL	Length 1.25 m
1	PLC 6 YE-1.5 SL	Length 1.5 m
1	PLC 6 YE-2 SL	Length 2 m
1	PLC 6 YE-3 SL	Length 3 m

Whilst most items are stock line some products are made to order

Product codes in red are new products

Product codes in green are future products - check with Customer Services for availability

Legrand cabling system, cat. 6

Patch leads



PLC 6 BU-0.5



PLC 6 BU-3



PLC 6 WE-10

Pack	Cat.Nos	Cat. 6 RJ 45 patch cords
		RJ 45/RJ 45 - flat PVC Sleeve With special "easy grip" plug Compliant with ISO/IEC 11 801, ANSI/TIA 568.2-DE TE standards
		Unscreened U/UFTP, impedance 100 Ω
1	PLC 6 BE-0.3	Length 0.3 m
1	PLC 6 BE-0.5	Length 0.5 m
1	PLC 6 BE-0.75	Length 0.7 m
1	PLC 6 BE-1	Length 1 m
1	PLC 6 BE-1.5	Length 1.5 m
1	PLC 6 BE-2	Length 2 m
1	PLC 6 BE-3	Length 3 m
1	PLC 6 BE-5	Length 5 m
1	PLC 6 BE-7.5	Length 7.5 m
1	PLC 6 BE-10	Length 10 m
1	PLC 6 BE-15	Length 15 m
1	PLC 6 BE-20	Length 20 m
1	PLC 6 BL-0.3	Length 0.3 m
1	PLC 6 BL-0.5	Length 0.5 m
1	PLC 6 BL-0.75	Length 0.7 m
1	PLC 6 BL-1	Length 1 m
1	PLC 6 BL-1.5	Length 1.5 m
1	PLC 6 BL-2	Length 2 m
1	PLC 6 BL-3	Length 3 m
1	PLC 6 BL-5	Length 5 m
1	PLC 6 BL-7.5	Length 7.5 m
1	PLC 6 BL-10	Length 10 m
1	PLC 6 BL-15	Length 15 m
1	PLC 6 BL-20	Length 20 m
1	PLC 6 BU-0.3	Length 0.3 m
1	PLC 6 BU-0.5	Length 0.5 m
1	PLC 6 BU-0.75	Length 0.7 m
1	PLC 6 BU-1	Length 1 m
1	PLC 6 BU-1.5	Length 1.5 m
1	PLC 6 BU-2	Length 2 m
1	PLC 6 BU-3	Length 3 m
1	PLC 6 BU-5	Length 5 m
1	PLC 6 BU-7.5	Length 7.5 m
1	PLC 6 BU-10	Length 10 m
1	PLC 6 BU-15	Length 15 m
1	PLC 6 BU-20	Length 20 m
1	PLC 6 GR-0.3	Length 0.3 m
1	PLC 6 GR-0.5	Length 0.5 m
1	PLC 6 GR-0.75	Length 0.7 m
1	PLC 6 GR-1	Length 1 m
1	PLC 6 GR-1.5	Length 1.5 m
1	PLC 6 GR-2	Length 2 m
1	PLC 6 GR-3	Length 3 m
1	PLC 6 GR-5	Length 5 m
1	PLC 6 GR-7.5	Length 7.5 m
1	PLC 6 GR-10	Length 10 m

Pack	Cat.Nos	Cat. 6 RJ 45 patch cords
1	PLC 6 GY-0.3	Length 0.3 m
1	PLC 6 GY-0.5	Length 0.5 m
1	PLC 6 GY-0.75	Length 0.7 m
1	PLC 6 GY-1	Length 1 m
1	PLC 6 GY-1.5	Length 1.5 m
1	PLC 6 GY-2	Length 2 m
1	PLC 6 GY-3	Length 3 m
1	PLC 6 GY-5	Length 5 m
1	PLC 6 GY-7.5	Length 7.5 m
1	PLC 6 GY-10	Length 10 m
1	PLC 6 OR-0.5	Length 0.5 m
1	PLC 6 OR-1	Length 1 m
1	PLC 6 OR-1.5	Length 1.5 m
1	PLC 6 OR-2	Length 2 m
1	PLC 6 OR-3	Length 3 m
1	PLC 6 OR-5	Length 5 m
1	PLC 6 OR-10	Length 10 m
1	PLC 6 PU-0.3	Length 0.3 m
1	PLC 6 PU-0.5	Length 0.5 m
1	PLC 6 PU-0.75	Length 0.7 m
1	PLC 6 PU-1	Length 1 m
1	PLC 6 PU-1.5	Length 1.5 m
1	PLC 6 PU-2	Length 2 m
1	PLC 6 PU-3	Length 3 m
1	PLC 6 PU-5	Length 5 m
1	PLC 6 PU-7.5	Length 7.5 m
1	PLC 6 PU-10	Length 10 m
1	PLC 6 RD-0.3	Length 0.3 m
1	PLC 6 RD-0.5	Length 0.5 m
1	PLC 6 RD-0.75	Length 0.75 m
1	PLC 6 RD-1	Length 1 m
1	PLC 6 RD-1.5	Length 1.5 m
1	PLC 6 RD-2	Length 2 m
1	PLC 6 RD-3	Length 3 m
1	PLC 6 RD-5	Length 5 m
1	PLC 6 RD-7.5	Length 7.5 m
1	PLC 6 RD-10	Length 10 m
1	PLC 6 WE-0.3	Length 0.3 m
1	PLC 6 WE-0.5	Length 0.5 m
1	PLC 6 WE-0.75	Length 0.75 m
1	PLC 6 WE-1	Length 1 m
1	PLC 6 WE-1.5	Length 1.5 m
1	PLC 6 WE-2	Length 2 m
1	PLC 6 WE-3	Length 3 m
1	PLC 6 WE-5	Length 5 m
1	PLC 6 WE-7.5	Length 7.5 m
1	PLC 6 WE-10	Length 10 m
1	PLC 6 YE-0.3	Length 0.3 m
1	PLC 6 YE-0.5	Length 0.5 m
1	PLC 6 YE-0.75	Length 0.75 m
1	PLC 6 YE-1	Length 1 m
1	PLC 6 YE-1.5	Length 1.5 m
1	PLC 6 YE-2	Length 2 m
1	PLC 6 YE-3	Length 3 m
1	PLC 6 YE-5	Length 5 m
1	PLC 6 YE-7.5	Length 7.5 m
1	PLC 6 YE-10	Length 10 m

Legrand cabling system, cat. 6

RJ 45 jacks



0 331 81

6 329 23

6 327 79

Pack	Cat.Nos	LCS³ cat. 6 Keystone RJ 45 sockets
10 10	0 331 61 0 331 81	Keystone toolless RJ 45 connector Accepts from AWG 22 to AWG 26 solid and stranded conductors POE 90w (type 4) Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series ICE 60603-7 series IEC 60512-99-001 IEC 60512-99-002 ○ UTP White ● UTP Black
24 24	6 329 23 6 329 09	Linkeo C Cat. 6 RJ 45 connectors Keystone toolless RJ 45 connector Accepts from AWG 23 to AWG 26 solid and stranded conductors Contacts marked with dual colour code for wiring schemes T 568 A and T 568 B Conforms to standards ISO/IEC 11801 series ANSI/TIA 568 series EN 50173 series ○ UTP White ● UTP Black
1 1 1	EM KEYSTONE LWE EM KEYSTONE LBL EM KEYSTONE LUG	Keystone adaptor Keystone adaptor for LCS³ and Linkeo C jacks to fit Legrand Excel Life cover plates ○ Adaptor white ● Adaptor black ● Adaptor urban grey
1	0 337 42	UTP Cat. 6 cable extender To be used to extend a cable quickly and easily
1	6 327 79	Surface mounting box - 1 or 2 ports For Keystone connectors For surface mounting installations Can be fixed to a table or used in conjunction with mini-trunking

Legrand cabling system, LCS³ cat. 6

RJ 45 sockets (Arteor, Soliroc and Plexo) and other connectors



5 728 02

5 728 16

0 904 67

Can be integrated in Arteor faceplates, Soliroc and Legrand floor boxes and pop-up boxes. Equipped with connectors with quick toolless connection
Take single-core cables from AWG 22 up to AWG 26, and AWG 26 multicore cables
T568A and B marking with colour codes
Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards

Pack	Cat.Nos	Cat. 6 RJ 45 sockets - Arteor
10 10 10 10 10 10	5 723 02 5 728 02 5 723 54 5 728 54 5 723 55 5 728 55	UTP - 1 module ○ White ● Magnesium ○ White with orange shutter ● Magnesium with orange shutter ○ White with green shutter ● Magnesium with green shutter
10 10	5 723 14 5 728 14	UTP - 2 modules ○ White - square version ● Magnesium - square version
5 5	5 723 53 5 728 53	UTP with controlled access - 2 modules Supplied with 2 keys for 5 sockets ○ White with red shutter ● Magnesium with red shutter
1	778 91	Cat. 6 Soliroc RJ 45 socket - IK 10 FTP - 2 modules IP 20 - IK 10 For at-risk areas or areas without surveillance
1	0 904 67	Cat. 6 Plexo 66 RJ 45 socket - IP 66 - IK 08 FTP socket 9 contacts Guaranteed weatherproof seal (IP 66) with the plug inserted Inclined 90° ● Grey RAL 7016/T029

Legrand cabling system, LCS³ cat. 6

zone distribution box solution



Legrand cabling system, LCS³

accessories



Pack	Cat.Nos	Zone distribution boxes to be equipped
		For distributing data in an area equipped with 1 to 24 RJ 45 sockets Centralise connections to ensure flexibility and scalability of the installation For installation in false ceilings or raised access floors The boxes connect to the patching enclosure or floor cabinet Connection to an RJ 45 socket with an RJ 45/ stripped cord or to a Arteor RJ 45 socket with copper feedthrough with an RJ 45/RJ 45 cord IP 21 - IK 07 Compliant with ISO/IEC 11 801, EN 50173 and ANSI/TIA 568 standards T568A and B marking with colour codes Technical characteristics: polycarbonate cover (PC), polypropylene base (PP), RAL 7035 To be equipped directly with RJ 45 High Density connectors
1	0 337 96	12 ports to be equipped
1	0 337 97	24 ports to be equipped

Pack	Cat. Nos	Cat. 6 High Density RJ 45 connectors
6	0 337 63	UTP
6	0 337 64	FTP
6	0 337 65	STP

Pack	Cat. Nos	Cat. 6 cords - RJ 45/RJ 45
		For direct connection via RJ 45 male plug to the zone distribution box and to the RJ 45 socket with copper feedthrough to ensure safe connection, plus speed and reliability of connection
		LSZH
1	0 515 10	Unscreened U/UTP, impedance 100 Ω Length 8 m
1	0 515 11	Length 15 m
1	0 515 12	Length 20 m

Pack	Cat. Nos	Cat. 6 sockets with copper feedthrough
		Cat. 6 UTP - Arteor
10	5 723 31	○ White
10	5 728 31	● Magnesium
		Cat. 6 FTP - Arteor
10	5 723 33	○ White
10	5 728 33	● Magnesium

Pack	Cat. No	Crimping tool for RJ 45 plugs
1	0 517 09	For crimping RJ plugs with 4/6/8/9 contacts Ratchet control of crimping mechanism Possibility to cut and strip cables Tool with 3 crimping points High resistance steel material
50	0 517 01	RJ 11 4 contacts
50	0 517 02	RJ 12 6 contacts
50	0 517 10	RJ 45 Cat. 6 8 contacts
50	0 517 07	RJ 45 sleeve White
1	0 332 62	Stripping tools Slit the sheath and release the conductors by rotation For twisted pair cables Don't damage the conductors Stripper For twisted pair

Legrand cabling system, LCS³ fibre optic cables



Tight Buffer Fibre



Mini Loose Tube Fibre

Pack	Cat.Nos	
		Single-mode OS2 tight buffer fibre optic cables (9/125 µm) - (OS1 compatible) Indoor/Outdoor For 9/125 µm single-mode installations, OS2 type Yellow LSZH sheath Glass strands Compliant with ISO/IEC 11 801, IEC 60793-2-10 and AS/NZ 3080 standards
1000 ¹	0 325 33	6 fibres
1000 ¹	0 325 34	12 fibres
1000 ¹	0 325 35	24 fibres
		Multimode OM3 tight buffer fibre optic cables (50/125 µm) Indoor/Outdoor For 50/125 µm multimode installations, OM3 type Aqua LSZH sheath Glass strands Compliant with ISO/IEC 11 801, IEC 60793-2-10 and AS/NZ 3080 standards
1000 ¹	0 325 30	6 fibres
1000 ¹	0 325 31	12 fibres
1000 ¹	0 325 32	24 fibres
		Multimode OM4 tight buffer fibre optic cables (50/125 µm) Indoor/Outdoor For 50/125 µm multimode installations, OM4 type Aqua LSZH sheath Glass strands Suitable for 10 Gb Ethernet networks Compliant with ISO/IEC 11 801, IEC 60794-2-20 and EN 187 000 standards
1000 ¹	0 326 66	6 fibres
1000 ¹	0 326 67	12 fibres

¹: in metre(s)

Pack	Cat.Nos	
		Single-mode OS2 mini loose tube fibre optic cables (9/125 µm) - (OS1 compatible) External underground For 9/125 µm single-mode installations, OS2 type Blue UV Stabilised PE Sheath Glass strands Compliant with ISO/IEC 607932-50, EN 50 173-1, IEC 11801 and AS/CA S0008 standards
1000 ¹	MLT OS2 06	6 fibres
1000 ¹	MLT OS2 12	12 fibres
1000 ¹	MLT OS2 24	24 fibres
1000 ¹	MLT OS2 48	48 fibres
		Multimode OM3 mini loose tube fibre optic cables (50/125 µm) External underground For 50/125 µm multimode installations, OM3 type Blue UV Stabilised PE Sheath Glass strands Compliant with ISO/IEC 607932-50, EN 50 173-1, IEC 11801 and AS/CA S0008 standards
1000 ¹	MLT OM3 06	6 fibres
1000 ¹	MLT OM3 12	12 fibres
1000 ¹	MLT OM3 24	24 fibres
1000 ¹	MLT OM3 48	48 fibres
		Multimode OM4 mini loose tube fibre optic cables (50/125 µm) External underground For 50/125 µm multimode installations, OM4 type Blue UV Stabilised PE Sheath Glass strands Suitable for 10 Gb Ethernet networks Compliant with ISO/IEC 607932-50, EN 50 173-1, IEC 11801 and AS/CA S0008 standards
1000 ¹	MLT OM4 06	6 fibres
1000 ¹	MLT OM4 12	12 fibres
1000 ¹	MLT OM4 24	24 fibres
1000 ¹	MLT OM4 48	48 fibres

¹: in metre(s)



ETL WALL-MOUNTING CABINETS

Wall mount data cabinets are designed to securely store data equipment in a stationary position. These cabinets provide a stable and organized solution for managing your technology, ensuring that your equipment remains in a fixed location for consistent accessibility and reliable performance. Ideal for environments where space optimization and stability are key, these cabinets are perfect for both office and server settings with both fixed and swing mounting available.

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Legrand cabling system, LCS³ fibre optic

High Density preterminated links



OM4 and OM5 on request

0 324 41



Selection chart p. 18-19

Supplied on a drum
Micro cables for high density cassettes
Aqua (OM3) and yellow (OS2) LSZH sheaths
Supplied with test reports (photometry)
Other configurations on request

Pack	Cat.Nos	Ultra™ MTP¹/MTP¹ High Density preterminated fibre optic links	
		For connecting cassettes in High Density fibre optic panels and Ultra High Density drawers Female MTP ¹ , A polarity Low insertion loss for MTP ¹ connector < 0.35 dB/connector	
		MTP¹ OM3 micro cables	
		Description	Length (m)
1	0 324 41	12 MTP ¹ -MTP ¹ fibre optics	10
1	0 324 42	12 MTP ¹ -MTP ¹ fibre optics	20
1	0 324 43	12 MTP ¹ -MTP ¹ fibre optics	30
1	0 324 44	12 MTP ¹ -MTP ¹ fibre optics	40
1	0 324 45	12 MTP ¹ -MTP ¹ fibre optics	50
		MTP¹ OS2 micro cables	
		Description	Length (m)
1	0 324 51	12 MTP ¹ -MTP ¹ fibre optics	10
1	0 324 52	12 MTP ¹ -MTP ¹ fibre optics	20
1	0 324 53	12 MTP ¹ -MTP ¹ fibre optics	30
1	0 324 54	12 MTP ¹ -MTP ¹ fibre optics	40
1	0 324 55	12 MTP ¹ -MTP ¹ fibre optics	50

1: MTP is a registered trademark of US Conec Ltd

Legrand cabling system, LCS³ fibre optic

19" fibre optic drawers



Selection chart p. 10-11

Pack	Cat.Nos	Equipped 19" fibre optic drawers	Pack	Cat.Nos	Fibre optic blocks
		Metal 19" pre-equipped fibre optic drawers, 4 cable entries, supplied with screw fixing kit, 2 cable glands (Ø 13.5 and 16 mm), coiling system and splice cassette Panel and optical ports marked on dedicated marking area Sliding End stop at a 30° angle Maximum capacity: 48 fibres in LC version, 24 fibres in ST and SC versions Depth 220 mm, height 1 U			To be clipped directly onto modular fibre optic drawers to be equipped Cat.Nos 0 321 00/01 or onto fibre optic splice cassette Cat.No 0 321 41 Single-mode fibre blocks (9/125 µm) ST block for 6 single-mode fibres SC duplex block for 6 single-mode fibres SC duplex High Density block for 12 single-mode fibres SC APC duplex block for 6 single-mode fibres LC duplex block for 6 single-mode fibres LC duplex block for 12 single-mode fibres LC duplex High Density block for 24 single-mode fibres LC APC duplex block for 12 single-mode fibres Single-mode 4 MTP¹ feedthrough adaptor, key up/ key down Multimode fibre blocks (62.5 and 50/125 µm) ST block for 6 multimode fibres SC duplex block for 6 multimode fibres SC duplex High Density block for 12 multimode fibres LC duplex block for 6 multimode fibres LC duplex block for 12 multimode fibres LC duplex block for 6 multimode fibres - heather violet LC duplex block for 12 multimode fibres - heather violet LC duplex High Density block for 24 multimode fibres Multimode 4 MTP¹ feedthrough adaptor, key up/ key down Multimode 8 MTP¹ feedthrough adaptor, key up/ key down LC duplex block for 6 multimode fibres - aqua LC duplex block for 12 multimode fibres - aqua
1	0 321 61	SC duplex for 24 multimode fibres	1	0 321 17	ST block for 6 single-mode fibres
1	0 321 62	LC duplex for 48 multimode fibres	1	0 321 10	SC duplex block for 6 single-mode fibres
1	0 321 63	ST duplex for 24 multimode fibres	1	0 321 11	SC duplex High Density block for 12 single-mode fibres
1	0 321 64	SC duplex for 24 single-mode fibres	1	0 321 12	SC APC duplex block for 6 single-mode fibres
1	0 321 65	LC duplex for 48 single-mode fibres	1	0 321 13	LC duplex block for 6 single-mode fibres
1	0 321 66	SC APC duplex for 24 single-mode fibres	1	0 321 14	LC duplex block for 12 single-mode fibres
1	0 321 67	LC APC duplex for 48 single-mode fibres	1	0 321 15	LC duplex High Density block for 24 single-mode fibres
		Rotating Supplied with reversible left or right opening Maximum capacity: 72 fibres in LC version, 36 fibres in SC version Depth 260 mm, height 1 U	1	0 321 16	LC APC duplex block for 12 single-mode fibres
1	0 321 71	LC duplex for 72 multimode fibres	1	0 321 33	Single-mode 4 MTP ¹ feedthrough adaptor, key up/ key down
1	0 321 72	SC duplex for 36 multimode fibres	1	0 321 27	ST block for 6 multimode fibres
1	0 321 73	LC duplex for 72 single-mode fibres	1	0 321 20	SC duplex block for 6 multimode fibres
1	0 321 74	SC duplex for 36 single-mode fibres	1	0 321 21	SC duplex High Density block for 12 multimode fibres
		Flat and angled 19" modular fibre optic drawers Metal 19" modular fibre optic drawers, 8 cable entries, supplied with 2 cable glands (Ø 13.5 and 9 mm), coiling system Equipped with the new-generation Quick-Fix system for automatic (screwless) mounting on enclosure or cabinet uprights Supplied with numbered labels Maximum capacity: 96 fibres in LC version, 48 in SC version or 24 in ST version Depth 290 mm, height 1U Sliding, equipped End stop at a 20° angle SC duplex for 24 multimode fibres LC duplex for 48 multimode fibres SC duplex for 24 single-mode fibres Sliding, to be equipped with fibre optic blocks Takes any fibre optic block, up to 4 blocks maximum. End stop at a 20° angle	1	0 321 23	LC duplex block for 6 multimode fibres
1	0 321 02	SC duplex for 24 multimode fibres	1	0 321 24	LC duplex block for 12 multimode fibres
1	0 321 04	LC duplex for 48 multimode fibres	1	HVBL12	LC duplex block for 6 multimode fibres - heather violet
1	0 321 06	SC duplex for 24 single-mode fibres	1	HVBL24	LC duplex block for 12 multimode fibres - heather violet
		Empty drawer	1	0 321 25	LC duplex High Density block for 24 multimode fibres
1	0 321 00	Empty drawer	1	0 321 34	Multimode 4 MTP ¹ feedthrough adaptor, key up/ key down
			1	0 321 18	Multimode 8 MTP ¹ feedthrough adaptor, key up/ key down
			1	0 321 36	LC duplex block for 6 multimode fibres - aqua
			1	0 321 37	LC duplex block for 12 multimode fibres - aqua
					RJ 45 copper block for fibre optic drawer To be clipped directly onto modular fibre optic drawers to be equipped Cat.Nos 0 321 00/01 Allows the mixing of fibre optic and copper Takes up to 5 RJ 45 connectors Accessories for fibre optic drawer to be equipped Accessory for receipt of a fan-out To be clipped onto the back of the drawer Enables the entry of preterminated links Blanking plate Blanking plate Cassette for pigtails Capacity: 24 fibres Coiling kit 1 accessory
			1	0 321 32	
			1	0 321 28	
			1	0 321 29	
			2	0 321 30	
			1	0 321 31	

1: MTP is a registered trademark of US Conec Ltd

Legrand cabling system, LCS³ fibre optic

19" High Density fibre optic panels (1/2/4 U) and patching kits



Panel 0 321 76 equipped with support 0 321 38 and slim cassettes 0 321 69/70



0 321 38



0 321 69

OM5 on request



0 321 70



Selection chart p. 12-13

Pack	Cat.Nos	19" High Density fibre optic panels
		Panels to be equipped with cassettes
		Equipped with Quick-Fix system for automatic (screwless) mounting on enclosure or cabinet uprights
		To be equipped directly with a maximum of 4 automatically removable cassettes or 4 supports for slim cassettes Cat. No 0 321 38 per U
		Maximum capacity per U: 48 fibres in SC version, 24 fibres in ST version or 96 fibres in LC version
		2U and 4U versions equipped with door and cord management at the front, and with cable management at the back
1	0 321 75	1 U height, depth 182 mm
1	0 321 76	2 U height, depth 393 mm
1	0 321 77	4 U height, depth 393 mm
		Accessories for panels
1	0 321 78	Front cord management kit for 1 U panel Fits on 1 U modular panel Cat.No 0 321 75 2 side cord guides and front door with integrated marking to ensure correct front and side cord management Cord holder to be mounted on cassette to make it easier to pass cords through the side
1	0 321 46	Rear cable management accessory Fits on 1 U panel Cat. No 0 321 75
1	0 321 28	Accessory for receipt of a fan-out To be clipped onto the back of the drawer Enables the entry of preterminated links
1	0 321 22	Copper cable management accessory
4	0 321 26	Set of 4 cord holders To be mounted on any cassette to make it easier to pass cords through the side

		Ultra™ preterminated MTP¹ High Density cassettes (MPO compatible)
		For installation in modular panels Cat. Nos 0 321 75/76/77 and in Zero-U kit Cat. No 0 321 03
		Slim cassettes to be installed with support Cat. No 0 321 38
		Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front and back
		Multimode - Insertion Loss Max/Random ² : 0.55 dB Single-mode - Insertion Loss Max/Random ² : 0.6 dB Prewired, equipped at the rear with one or two male MTP ¹ connectors with 12 fibres LC or SC connectors at the front
		Ultra™ cassettes
1	0 321 42	Multimode OM4 cassette (50/125 µm) 24 LC fibres, A/C polarity
1	0 321 48	Multimode OM4 cassette (50/125 µm) 12 LC fibres, A/C polarity
1	0 321 43	Multimode OM4 cassette (50/125 µm) 12 SC fibres, A/C polarity
1	0 321 59	Multimode OM4 cassette (50/125 µm) 12 SC fibres, universal
1	0 321 44	Single-mode OS2 cassette (9/125 µm) 24 LC fibres, A/C polarity
1	0 321 49	Single-mode OS2 cassette (9/125 µm) 12 LC fibres, A/C polarity
1	0 321 45	Single-mode OS2 cassette (9/125 µm) 12 SC fibres, A/C polarity
1	0 321 60	Single-mode OS2 cassette (9/125 µm) 12 SC fibres, universal

1: MTP is a registered trademark of US Conec Ltd

2: When mated with the same Legrand range (Ultra & Core) trunks and patch cords

Pack	Cat.Nos	Preterminated MTP ¹ High Density cassettes (MPO compatible) (continued)
		Ultra™ slim cassettes
1	0 321 38	Support for High Density slim cassettes Takes up to 2 High Density slim cassettes Cat.Nos 0 321 68/69/70 and up to 2 blanking cassettes Cat.No 0 321 39 or 1 cassette + 1 blanking cassette. Possibility to mix slim single-mode and multimode cassettes on the same support
1	0 321 69	Slim multimode OM4 cassette (50/125 µm) 12 LC fibres, Universal polarity
1	HVSL12	Slim multimode OM4 cassette (50/125 µm) 12 LC fibres, Universal polarity - heather violet
1	0 321 68	Slim multimode OM3 cassette (50/125 µm) 12 LC fibres, Universal polarity
1	0 321 70	Slim single-mode OS2 cassette (9/125 µm) 12 LC fibres, Universal polarity
1	0 321 39	Slim blanking module to be mounted (x2) on support Cat.No 0 321 38 to fill gaps in the panel
		Core™ pre-equipped cassettes
		For installation in modular panels Cat. Nos 0 321 75/76/77 and Zero-U kit Cat.No 0 321 03
		Pre-equipped cassettes with fitted fibre optic block + sets of 6 or 12 OM3 pigtails Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front
		Pre-equipped cassettes for multimode installation (50/125 µm)
1	0 321 80	Equipped with 1 SC duplex block for 6 fibres
1	0 321 81	Equipped with 1 LC duplex block for 6 fibres
1	0 321 82	Equipped with 1 SC duplex block for 12 fibres
1	0 321 83	Equipped with 1 LC duplex block for 12 fibres
		Pre-equipped cassettes for single-mode installation (9/125 µm)
1	0 321 84	Equipped with 1 SC duplex block for 6 fibres
1	0 321 85	Equipped with 1 LC duplex block for 6 fibres
1	0 321 86	Equipped with 1 SC duplex block for 12 fibres
1	0 321 87	Equipped with 1 LC duplex block for 12 fibres
		Cassettes to be equipped and blanking plate
		For installation in modular panels Cat. Nos 0 321 75/76/77 and Zero-U kit Cat. No 0 321 03
		Sliding cassettes which can be removed automatically by simply pressing them, simplifying installation and maintenance Removable from the front
1	0 321 41	Fibre optic splice cassette Takes any modular fibre optic block
1	0 337 57	Blanking cassette To be used to fill gaps in the panel
1	0 321 55	Copper cassette to be equipped Takes six Cat. 5e, 6 and 6A copper connectors
		Patching kits
1	0 321 89	1 U to 4 U patching kit Compatible with all LCS ³ fibre optic and copper 19" panels. Supplied with top protection, cable guides and specific accessories for installation on cable trays, wire meshed cable trays (Cablofil) and cabinets
1	0 321 03	Zero-U patching kit To bring few fibre optic or copper connections outside 19" panels Takes 1 cassette (fibre optic preterminated cassettes, pre equipped cassettes, fibre optic splice cassette or RJ 45 copper cassette) Supplied with a comprehensive range of accessories for fixing in or outside enclosures (raised access floors, cable trays, walls, ceiling)

Advanced connectivity fibre solutions

LCS³ acclAIM solution



0 321 75



0 321 76



A24SM2



A24MM4



A48MM5

On request

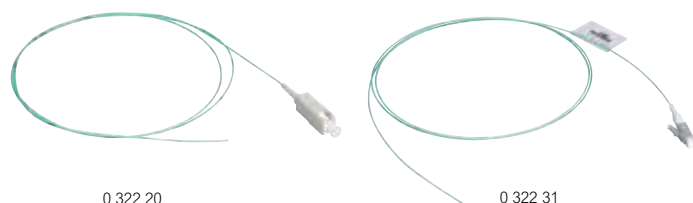
Minimize loss - maximize optical headroom. Lowest loss pre-term solution. Minimize or eliminate the need for splicing
 Ultra-High Density Plus (UHD+) Make the most of each rack unit (RU) with UHD+ offering up to 192 fibres per RU (33% more than High Density)
 Simplify connectivity: no gender considerations - no pins, just direct connections
 Direct mating breakout - acclAIM connectors mate directly to an array of 2-fibre mdc duplex patchcords
 Application defined polarity - polarity can be adapted to nearly any link configuration; preplanned, on-site, or on the fly with no options to determine when ordering or designing
 Improved accessibility - with the increased density of each connector and a smaller footprint enabled by acclAIM, there is more room to work on each panel approaching infinite scalability

Pack	Cat.Nos	LCS ³ acclAIM solution components
		Enclosure to be equipped with cassettes
		Equipped with Quick-Fix system for automatic (screwless) mounting on enclosure or cabinet uprights To be equipped directly with a maximum of 4 automatically removable cassettes or 4 supports for slim cassettes Cat. No 0 321 38 per U Maximum capacity per U: 48 fibres in SC version, 24 fibres in ST version or 96 fibres in LC version or 192 in MDC version 2U and 4U versions equipped with door and cord management at the front, and with cable management at the back
1	0 321 75	1 U height, depth 182 mm
1	0 321 76	2 U height, depth 393 mm
1	0 321 77	4 U height, depth 393 mm
		Trunks OS2, LSZH, Cca
1	C76DAJMMY010M	24 Fibre OS2
1	C76DAJMMY020M	24 Fibre OS2
1	C76DAJMMY030M	24 Fibre OS2
1	C76DAJMMY040M	24 Fibre OS2
1	C76DAJMMY050M	24 Fibre OS2
1	C76DEJMMY050M	48 Fibre OS2
		Trunks OM4, LSZH, Cca
1	C76DAEMMY010M	24 fibres OM4
1	C76DAEMMY020M	24 fibres OM4
1	C76DAEMMY030M	24 fibres OM4
1	C76DAEMMY040M	24 fibres OM4
1	C76DAEMMY050M	24 fibres OM4
1	C76DEEMMY050M	48 fibres OM4
		HDFP cassettes
1	A24 SM2	OS2, 3 adapters, 24 fibres
1	A48 SM2	OS2, 6 adapters, 48 fibres
1	A24 MM4	OM4, 3 adapters, 24 fibres
1	A48 MM4	OM4, 6 adapters, 48 fibres
1	A24 MM5	OM5, 3 adapters, 24 fibres
1	A48 MM5	OM5, 6 adapters, 48 fibres

Pack	Cat.Nos	LCS ³ acclAIM solution components (continued)
		LC/MDC Core patchcords
5	1 320 81	OM4, length 1m
5	1 320 82	OM5, length 1m
5	1 320 83	OS2, length 1m
		MDC/MDC Core patchcords
5	1 320 84	OM4, length 1m
5	1 320 85	OM4, length 2m
5	1 320 86	OM4, length 3m
5	1 320 87	OM4, length 5m
5	1 320 92	OM5, length 2m
5	1 320 88	OS2, length 1m
5	1 320 89	OS2, length 2m
5	1 320 90	OS2, length 3m
5	1 320 91	OS2, length 5m

Legrand cabling system, LCS³ fibre optic

Pigtails and fan-out units



Selection chart p. 10-11

Pack	Cat.Nos	Core™ pigtails
		LSZH For making quick, reliable and high-performance fibre optic cable connections on site: - OM2/OM3/OM4 IL Typical/Master = 0.15 dB - OS2 IL Typical/Master = 0.18 dB Compatible with all commercially-available splicers
	1 m 2 m	
1	0 322 20 0 322 23	50/125 µm - OM3 (PC) SC connectors
1	0 322 21 0 322 24	LC connectors
1	0 322 22	ST connectors
1	0 322 30 0 322 33	50/125 µm - OM4 (PC) SC connectors
1	0 322 31 0 322 34	LC connectors
1	0 322 32	ST connectors
		9/125 µm - OS2 (APC or UPC) - OS1 compatible
1	0 322 40 0 322 45	SC-APC connectors
1	0 322 41 0 322 46	SC-UPC connectors
1	0 322 42 0 322 48	LC-APC connectors
1	0 322 43 0 322 47	LC-UPC connectors
1	0 322 44 0 322 49	ST-UPC connectors
1	0 326 25	Sets of 6 LC pigtails 1m length - 6 different colours
1	0 326 27	6 OS2 LC-UPC pigtails 6 OM3 LC-UPC pigtails
		Sets of 12 LC pigtails 1m length - 12 different colors
1	0 326 24	12 OS2 LC-UPC pigtails
1	0 326 26	12 OM3 LC-UPC pigtails
1	0 326 71	12 OM4 LC-UPC pigtails
1	0 327 44	Heat-shrinkable sleeve for pigtails 40 mm - pack of 50 sleeves
		Fan-out units For 900 µm sheathing of optical fibres Take 250 µm fibre diameters
1	0 330 48	6-fibre fan-out unit
1	0 330 49	12-fibre fan-out unit

Legrand cabling system, LCS³ fibre optic

Core™ and Ultra™ fibre patch cords



Selection chart p. 10-11

Fitted at each end with 2 connectors with ceramic ferrule. Individually packed and tested (report supplied). LSZH Zipcord sheath

Pack	Cat.Nos	OS2 single-mode fibre optic cords (9/125 µm)
		For 9/125 µm single-mode installations, OS2 type Yellow sheaths Max. optical losses/Master: 0.25 dB
		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/MDC duplex cords
5	1 320 83	Length: 1 m
		MDC/MDC duplex cords
5	1 320 88	Length: 1 m
5	1 320 89	Length: 2 m
5	1 320 90	Length: 3 m
5	1 320 91	Length: 5 m
		OM3 multimode fibre optic cords (50/125 µm) For 50/125 µm multimode installations, OM3 type Aqua sheaths Max. optical losses/Master: 0.25 dB
		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

Legrand cabling system, LCS³ fibre optic

Core™ and Ultra™ fibre patch cords



0 322 60



0 325 27



0 326 99

Pack	Cat.Nos	OM4 multimode fibre optic cords (50/125 µm)	Pack	Cat.Nos	OM4 multimode fibre optic cords (50/125 µm)
		For 50/125 µm multimode installations, OM4 type Aqua sheaths Max. optical losses/Master: 0.25 dB			For 50/125 µm multimode installations, OM4 type Aqua sheaths Max. optical losses/Master: 0.15 dB
		SC/SC duplex cords			SC/SC duplex cords
5	0 322 60	Length: 1 m	3	0 326 30	Length: 1 m
5	0 322 61	Length: 2 m	3	0 326 31	Length: 2 m
5	0 322 62	Length: 3 m	3	0 326 32	Length: 3 m
		SC/LC duplex cords			LC/LC duplex cords
5	0 322 63	Length: 1 m	3	0 326 33	Length: 0.5 m
5	0 322 64	Length: 2 m	3	0 326 34	Length: 1 m
5	0 322 65	Length: 3 m	3	0 326 35	Length: 2 m
		LC/LC duplex cords	3	0 326 36	Length: 3 m
5	0 322 66	Length: 1 m	3	0 326 37	Length: 5 m
5	0 322 67	Length: 2 m			LC/LC Uniboot duplex cords
5	0 322 68	Length: 3 m			Reversible polarity
		LC/LC duplex cords	3	0 326 95	Length: 0.5 m
5	1 320 81	Length: 1 m	3	0 326 96	Length: 1 m
		MDC/MDC duplex cords	3	0 326 97	Length: 2 m
5	1 320 84	Length: 1 m	3	0 326 98	Length: 3 m
5	1 320 85	Length: 2 m	3	0 326 99	Length: 5 m
5	1 320 86	Length: 3 m			LC/LC duplex cords
5	1 320 87	Length: 5 m			Heather violet
		OM5 multimode fibre optic cords (50/125 µm)	5	HVPC01	Length: 1 m
		For 50/125 µm multimode installations, OM5 type Aqua sheaths Max. optical losses/Master: 0.25 dB	5	HVPC02	Length: 2 m
		LC/MDC duplex cords	5	HVPC03	Length: 3 m
5	1 320 82	Length: 1 m	5	HVPC05	Length: 5 m
		MDC/MDC duplex cords			
5	1 320 92	Length: 1 m			
		OS2 single-mode fibre optic cords (9/125 µm)			
		For 9/125 µm single-mode installations, OS2 type Yellow sheaths Max. optical losses/Master: 0.15 dB			
		SC/SC duplex cords			
5	0 325 27	Length: 1 m			
5	0 325 28	Length: 2 m			
5	0 325 29	Length: 3 m			
		SC/LC duplex cords			
5	0 325 30-U	Length: 1 m			
5	0 325 31-U	Length: 2 m			
5	0 325 32-U	Length: 3 m			
		LC/LC duplex cords			
5	0 325 33-U	Length: 1 m			
5	0 325 34-U	Length: 2 m			
5	0 325 35-U	Length: 3 m			
5	0 325 36-U	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			

Audio/video system

HDMI cords



HDMI HDR-15



HDMI HDR-15



HDMI V14-2



HDMI V14-2

Pack	Cat.Nos	HDMI cords
		High Speed HDMI® HDR cords with Ethernet For connecting an HDMI socket to the audiovideo terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 2.0 cords Support 4K UltraHD, 60 Hz video resolution HDR High Dynamic Range 18Gbps Gold-plated connectors
1	HDMI HDR-6	Length 6 m
1	HDMI HDR-9	Length 9 m
1	HDMI HDR-15	Length 15 m (built in performance booster)
1	HDMI HDR-20	Length 20 m (built in performance booster)
		High Speed HDMI® cords with Ethernet For connecting an HDMI socket to the audiovideo terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 2.0 cords Support 4K UltraHD, 60 Hz video resolution 18Gbps Gold-plated connectors
1	HDMI 18G-0.5	Length 0.5 m
1	HDMI 18G-1	Length 1 m
1	HDMI 18G-1.5	Length 1.5 m
1	HDMI 18G-2	Length 2 m
1	HDMI 18G-3	Length 3 m
1	HDMI 18G-4	Length 4 m
1	HDMI 18G-5	Length 5 m
1	HDMI 18G-7.5	Length 7.5 m
1	HDMI 18G-10	Length 10 m
1	HDMI 18G-15	Length 15 m (built in performance booster)
1	HDMI 18G-20	Length 20 m (built in performance booster)

Pack	Cat.Nos	HDMI cords and adaptor
		High Speed HDMI® slimline cords with Ethernet For connecting an HDMI socket to the audiovideo terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 2.0 cords Slimline plug and cord Support 4K UltraHD, 30 Hz video resolution 10.2Gbps Gold-plated connectors
1	HDMI V20-0.5	Length 0.5 m
1	HDMI V20-0.75	Length 0.75 m
1	HDMI V20-1	Length 1 m
1	HDMI V20-1.5	Length 1.5 m
1	HDMI V20-2	Length 2 m
1	HDMI V20-3	Length 3 m
		High Speed HDMI® cords with Ethernet For connecting an HDMI socket to the audiovideo terminal (TV, DVD or Blu-Ray player, Home Cinema, games console, etc.) HDMI 1.4 cords Slimline plug and cord Support 4K UltraHD, 30 Hz video resolution 10.2Gbps Gold-plated connectors
1	HDMI V14-1	Length 1 m
1	HDMI V14-2	Length 2 m
1	HDMI V14-3	Length 3 m
1	HDMI V14-5	Length 5 m
1	0 517 37	90° HDMI adaptor Male HDMI to female HDMI with 90° angle To be used to make a connection when space is limited

Legrand cabling system enclosures

Server cabinets



SR 42610 BVA

Colour: Black RAL 9005
 Load capacity: 1200 kg (static)
 Perforated front and rear doors: all doors are fitted with a robust swivel handle with a handle lock
 Roof: 3 cut-outs
 Interior: cabinet equipped with 4 x 19" profiles including height
 Cabinets equipped with leveling feet and casters

Pack	Cat.Nos	Smartrak 2.0 19" server cabinets		
		Capacity	Width (mm)	Depth (mm)
1	SR 27606 BVA	27 U	600	600
1	SR 27610 BVA	27 U	600	1000
1	SR 27808 BVA	27 U	800	800
1	SR 27810 BVA	27 U	800	1000
1	SR 42606 BVA	42 U	600	600
1	SR 42608 BVA	42 U	600	800
1	SR 42610 BVA	42 U	600	1000
1	SR 42808 BVA	42 U	800	800
1	SR 42810 BVA	42 U	800	1000
1	SR 42812 BVA	42 U	800	1200
1	SR 45606 BVA	45 U	600	600
1	SR 45608 BVA	45 U	600	800
1	SR 45610 BVA	45 U	600	1000
1	SR 45808 BVA	45 U	800	800
1	SR 45810 BVA	45 U	800	1000
1	SR 45812 BVA	45 U	800	1200
1	SR 47808 BVA	47 U	800	800
1	SR 47812 BVA	47 U	800	1200

		Smartrak 2.0 fixed shelves	
		Size (mm)	Compatibility
1	MV SSR 0606	494 x 385	600 x 600 cabinets
1	MV SSR 0608	494 x 485	600 x 800 cabinets
1	MV SSR 0610	494 x 685	600 x 1000 cabinets
1	MV SSR 0808	694 x 585	800 x 800 cabinets
1	MV SSR 0810	694 x 785	800 x 1000 cabinets

		Smartrak 2.0 fan kits	
		Fans	Compatibility
1	SR FTR 0600	2	600 mm deep cabinets
1	SR FTR 0800	3	800 mm deep cabinets
1	SR FTR 1000	4	1000 mm deep cabinets
1	SR FTR 1200	4	1200 mm deep cabinets

		Smartrak 2.0 plinth	
		100 mm high	
1	SR PL 0606	Fits 600 x 600 cabinets	
1	SR PL 0608	Fits 600 x 800 cabinets	
1	SR PL 0610	Fits 600 x 1000 cabinets	
1	SR PL 0808	Fits 800 x 800 cabinets	
1	SR PL 0810	Fits 800 x 1000 cabinets	
1	SR PL 0812	Fits 800 x 1200 cabinets	

		Smartrak 2.0 joining kit	
		Smartrak bay up kit for joining 2 racks together	
1	SRBU01	Consists of 4 bay up plates	

Trical cabling system enclosures

Wall mounted cabinets



WF 645



WS 1510 50

Colour: Black RAL 7035
 Load capacity: 60 kg (static)
 Electro-Galvanised steel
 Reversible tempered glass
 Removable side panels provide easy access to internal components
 Top and bottom panels complete with ventilation slots for efficient airflow

Pack	Cat.Nos	ETL fixed wall mounted cabinets	
		Fixed wall mount	
		450mm depth, 600mm wide	
1	WF 645	6 U	
1	WF 945	9 U	
1	WF 1245	12 U	
1	WF 1545	15 U	
1	WF 1845	18 U	
1	WF 2445	24 U	
		ETL swing wall mounted cabinets	
		Swivel wall mount	
		550mm depth, 600mm wide	
1	WS 610 45	6 U	
1	WS 910 45	9 U	
1	WS 1210 45	12 U	
1	WS 1510 45	15 U	
1	WS 1810 45	18 U	
1	WS 2410 45	24 U	
		600mm depth, 600mm wide	
1	WS 610 50	6 U	
1	WS 910 50	9 U	
1	WS 1210 50	12 U	
1	WS 1510 50	15 U	
1	WS 1810 50	18 U	
1	WS 2410 50	24 U	
		ETL fixed cantilever shelf	
1	EC ACS 1U 190	1 U 190mm deep	
1	EC ACS 1U 270	1 U 270mm deep	
1	EC ACS 2U 260	2 U 260mm deep	
1	EC ACS 2U 380		

Contact TRICAL directly for more information or to order this product range:
 T: +64 9 527 0072
 E: sales.trical@legrand.com

Legrand cabling system enclosures

Cabinet accessories



0 465 22



0 465 23



0 465 29



0 465 32

Pack	Cat.Nos	19" cable feedthrough panels
		For organising and running patch cords. Black RAL 9005
		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
		Cable management bar
1	6 465 19	1 U with ABS cover
1	6 465 20	1 U with feedthrough
		Plastic with brush, snap on
1	0 465 28	1 U
1	0 465 29	2 U
		Metal with brush, Soluclip Quick installation without screws
1	0 465 30	1 U
1	0 465 31	2 U
		19" blanking plates Black RAL 9005
		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

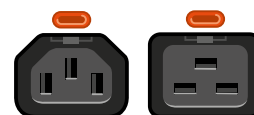
CORD LOCKING SYSTEM

Innovation at the heart of PDUs to prevent accidental disconnection

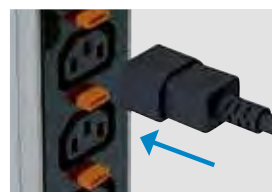
A major addition to the range and exclusive to Legrand, C13 and C19 outlets have a power supply cord locking system which prevents accidental disconnection and guarantees absolute safety!



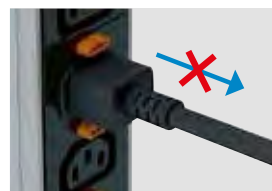
An innovative technical solution: very easy to identify thanks to the orange buttons next to each socket.



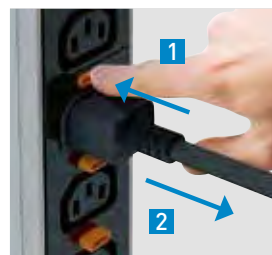
A universal system: takes all cords for standard C13 and C19 outlets.



CONNECTION



AUTO
LOCKING



UNLOCKING

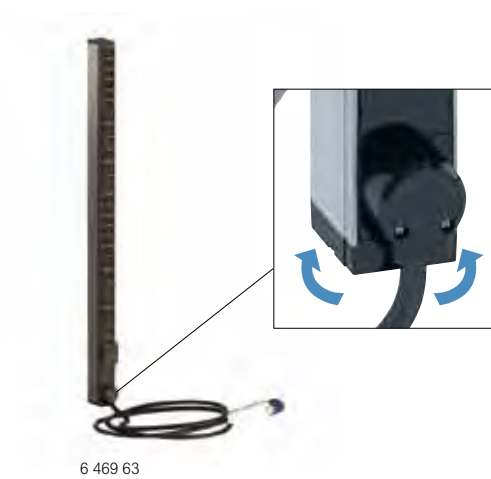
Legrand cabling system Linkeo C power distribution units



Zero-U Basic PDUs



6 469 60



6 469 63

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

Single or three phase Zero-U PDUs for vertical mounting in the cabinet

230 V - 50/60 Hz power supply

Input Plug IEC 60309 2P+E

32A PDUs are protected with hydraulic magnetic circuit breakers. Hydraulic magnetic circuit breakers are not affected by ambient temperature.

2P+E outlets: C13 and C19 standard 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) and standard brackets (for screw fixing)

Black modules (outlets and functions)

Aluminium profile

Pack	Cat.Nos	PDU Basic
		16A single phase
		3 m power supply cord with IEC 60309 16A 2P+E plug
1	6 469 60	24 outlets - 18 x C13, 6 x C19
1	6 469 61	24 outlets - 20 x C13, 4 x C19
		32A single phase
		3 m power supply cord with IEC 60309 32A 2P+E plug
1	6 469 63	24 outlets - 12 x C13, 12 x C19
1	6 469 62	24 outlets - 20 x C13, 4 x C19
1	6 469 71	36 outlets - 24 x C13, 12 x C19, high density
1	6 469 72	42 outlets - 36 x C13, 6 x C19, high density
		16A three phase
		3 m power supply cord with IEC 60309 16A 3P+N+E plug
1	6 469 64	24 outlets - 21 x C13, 3 x C19
1	6 469 65	30 outlets - 24 x C13, 6 x C19
1	6 469 11	36 outlets - 24 x C13, 12 x C19, high density
1	6 469 10	36 outlets - 24 x C13, 12 x C19, high density
		32A three phase
		3 m power supply cord with IEC 60309 32A 3P+N+E plug
1	6 469 73	36 outlets - 24 x C13, 12 x C19, high density
1	6 469 75	42 outlets - 36 x C13, 6 x C19, high density
1	6 469 74	48 outlets - 36 x C13, 12 x C19, high density
		PDU Basic with local power monitoring
		With Local Power Meter module monitoring voltage (V), current (A), active power (kW) and energy (kWh).
		Phase and circuits measurements with +/- 1% metering accuracy.
1	6 469 66	32A single phase 24 outlets - 20 x C13, 4 x C19
1	6 469 70	16A three phase 42 outlets - 36 x C13, 6 x C19, high density



To provide ~ electric power for IT equipment in 19" enclosures
 Metering at inlet level (+/- 1% metering accuracy)
 Connected device enabling remote access to all measurements and alerts
 2 versions available: NODE version with all functions and BASE version
 NODE PDU: with hot swappable full IP controller for connection to LAN. Possible cascading of up to 16 node PDUs with USB cords
 BASE PDU: without controller. Need to be connected to a NODE PDU for IP connection. Possible cascading of up to 31 base PDUs downstream to a node PDU with RJ 45 patch cables (RS 485 - Modbus link). BASE is hot swappable and upgradable with a node controller Cat.No 6 461 30
 Possibility to add wireless sensors (temperature, humidity...) for environmental monitoring
 Equipped with hydraulic magnetic circuit protection with high current interruption capacity. Hydraulic magnetic circuit breakers are not affected by ambient temperature
 330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet
 IEC 60320 C13 and C19 outlets. Each C13 and C19 outlets are numbered gradually from the input and equipped with cord locking system to avoid any accidental disconnection (100 Newton retention force)
 High Density (HD) PDUs provide a high density of C13 outlets to optimize outlets quantities and PDU length
 High ambient temperature rating: 55°C
 Aluminium chassis.
 19" PDUs and Zero-U PDUs for vertical mounting in the cabinet (supplied with standard and button-type mounting brackets)

Pack	Cat.Nos		Intelligent metered PDUs
	Base version	Node version	
1	6 461 00	6 461 01	16A single phase 230 V - 50/60 Hz power supply 8 outlets - C13 19" PDU C20 inlet (can receive power cables Cat. Nos 6 469 05 and 6 469 06)
1	6 461 02	6 461 03	22 outlets - 18 x C13, 4 x C19 3m power supply cord with IEC 60309 2P+E 16A plug
1	6 461 04	6 461 05	32A single phase 230 V - 50/60 Hz power supply 3m power supply cord with IEC 60309 2P+E 32A plug
1	6 461 06	6 461 07	24 outlets - 20 x C13, 4 x C19
1	6 461 08	6 461 09	36 outlets - 24 x C13, 12 x C19, high density 42 outlets - 36 x C13, 6 x C19, high density
1	6 461 10	6 461 11	16A three phase 400 V - 50/60 Hz power supply 3m power supply cord with IEC 60309 3P+N+E 16A plug 36 outlets - 24 x C13, 12 x C19, high density
1	6 461 12	6 461 13	32A three phase 400 V - 50/60 Hz power supply 3m power supply cord with IEC 60309 3P+N+E 32A plug 36 outlets - 24 x C13, 12 x C19, high density
1	6 461 16	6 461 17	42 outlets - 36 x C13, 6 x C19, high density
1	6 461 14	6 461 15	48 outlets - 36 x C13, 12 x C19, high density

Pack	Cat.Nos		Intelligent switched PDUs
	Base version	Node version	
1	6 461 20	6 461 21	Outlets switching Remotely ON/OFF control of each outlet 16A single phase 230 V - 50/60 Hz power supply 24 outlets - 21 x C13, 4 x C19 C20 inlet (can receive power cables Cat. Nos 6 469 05 and 6 469 06)
1	6 461 22	6 461 23	32A single phase 230 V - 50/60 Hz power supply 3m power supply cord with IEC 60309 2P+E 32A plug
1	6 461 24	6 461 25	22 outlets - 20 x C13, 2 x C19 24 outlets - 21 x C13, 3 x C19
1	6 461 26	6 461 27	16A three phase 400 V - 50/60 Hz power supply 3m power supply cord with IEC 60309 3P+N+E 16A plug 24 outlets - 21 x C13, 3 x C19
1	6 461 28	6 461 29	30 outlets - 24 x C13, 6 x C19

Legrand cabling system Linkeo C power distribution units

accessories and power cables



6 461 30



6 460 03



6 441 12



6 442 07

Pack	Cat.Nos	Accessories for metering and switched Intelligent PDU's
1	6 461 30	Node PDU controller Control module Plug the controller on a base version of intelligent PDU to transform it into a node version
1	6 460 03	Wireless sensors For cabinet environmental monitoring Easy wire-free deployment and maintenance Wireless communication with PDU's (2.4 GHz Zigbee Green Power) Ultra long battery life (5+ years replaceable battery) Different fixing solutions for sensors, with double sided tape, cable ties, a swing nut (supplied with sensors) or with accessory Cat.No 6 460 06 for a more stylish installation
1	6 460 04	Temperature and humidity wireless sensor Monitors cool air entering and/or hot air being expelled, and optimises your cooling infrastructure
1	6 460 06	Contact closure wireless sensor To be installed inside the rack to manage door opening and closing
1	6 460 06	Bracket for wireless sensors
1	9 812 27	Accessories for all PDU's Brackets 1 set of Zero-U PDU mounting brackets for Nexpan rack
1	6 469 75	42 outlets - 36 x C13, 6 x C19, high density
1	6 469 74	48 outlets - 36 x C13, 12 x C19, high density

Pack	Cat.Nos	Power Cables
		Serverside locking power cable C14-C13 C13 - IEC60320 1P+N+E with rotary locking mechanism to prevent accidental disconnection C14 - IEC60320 1P+N+E 10A Pack of 10
10	6 441 00	0.3 m length
10	6 441 01	1.0 m length
10	6 441 02	1.5 m length
10	6 441 03	2.0 m length
10	6 441 12	0.3 m length
10	6 441 13	1.0 m length
10	6 441 14	1.5 m length
10	6 441 15	2.0 m length
10	6 441 06	0.3 m length
10	6 441 07	1.0 m length
10	6 441 08	1.5 m length
10	6 441 09	2.0 m length
		Serverside locking power cable C20-C19 C19 - IEC60320 1P+N+E with rotary locking mechanism to prevent accidental disconnection C20 - IEC60320 1P+N+E 10A Pack of 10
10	6 442 01	1.0 m length
10	6 442 02	1.5 m length
10	6 442 03	2.0 m length
10	6 442 13	1.0 m length
10	6 442 14	1.5 m length
10	6 442 15	2.0 m length
10	6 442 07	1.0 m length
10	6 441 08	1.5 m length
10	6 441 09	2.0 m length
		PDU Supply power cables Cable IEC 60320 C19 to IEC 603096 16A 2P+E plug Rotary locking mechanism on C19 plug that fits any standard C20 inlet to avoid accidental disconnection
1	6 469 05	Length 1.5m
1	6 469 06	Length 3m

Applications distances according to category of cabling

	LCS ³ Cat.5e	LCS ³ Cat.6	LCS ³ Cat.6A	LCS ³ Cat.8	
Application	Frequency ⁽¹⁾	100MHz	250MHz	500Mhz	2000MHz
1000Base-T	100m	100m	100m	100m	100m
2.5Gbase-T	Possible ⁽²⁾	Possible ⁽²⁾	100m	100m	100m
5Gbase-T	Possible ⁽²⁾	Possible ⁽²⁾	100m	100m	100m
10Gbase-T	N/A ⁽⁴⁾	Possible ⁽³⁾	100m	100m	100m
25Gbase-T	N/A ⁽⁴⁾	N/A ⁽⁴⁾	Possible ⁽⁵⁾	30m	30m
40Gbase-T	N/A ⁽⁴⁾	N/A ⁽⁴⁾	Possible ⁽⁵⁾	30m	30m

1: Maximum frequency defined in the standards
 2: Follow ISO/IEC TR 11801-9904 or TIA TSB 5021 to evaluate possibility on installed links. Distance will depend on many factors.
 3: Follow ISO/IEC TR 24750 or TIA TSB 155-A to evaluate possibility on installed links. Distance will depend on many factors.
 4: Not Available.
 5: Follow ISO/IEC TR 11801-9905 to evaluate possibility on installed links. Distance will depend on many factors.

Compliance of LCS³ systems with standards and certifications

LCS³ systems and components (de-embedded) conform to the following standards:

- ANSI/TIA 568
- EN 50173-1

- ISO/IEC 11801 Edition 3 (2017)

The LCS³ system supports 10 G applications Base-T up to 100 m in a transmission channel

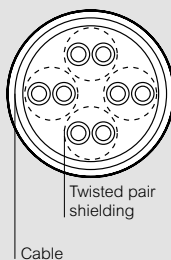
Conforming to standards: ISO/IEC 11 801, EN 50173, ANSI/TIA 568
 LCS³ systems are certified by the 3P independent laboratory, a reference body on the subject



Names for LAN cables (according to ISO 11801-2)

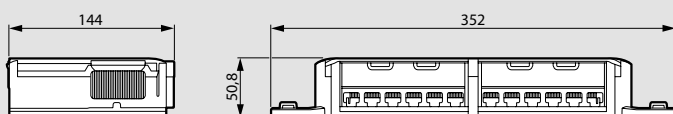
They correspond to: "type of cable shielding"/"type of twisted pair shielding" followed by TP (for twisted pairs)

Type of cable	old name	new name	Cable shielding	Shielding of twisted pairs
SSTP	S/FTP	S: screen made of copper braid	F: screen formed from an alu/ polyester ribbon	U: no screen
SFTP	SF/UTP	SF: combination of ribbon + braid	F: screen formed from an alu/ polyester ribbon	U: no screen
STP	U/FTP	U: no screen	F: screen formed from an alu/ polyester ribbon	U: no screen
FTP	F/FTP	F: screen formed from an alu/ polyester ribbon	F: screen formed from an alu/ polyester ribbon	U: no screen
FTP	F/UTP	F: screen formed from an alu/ polyester ribbon	U: no screen	U: no screen
UTP	U/UTP	U: no screen	U: no screen	U: no screen

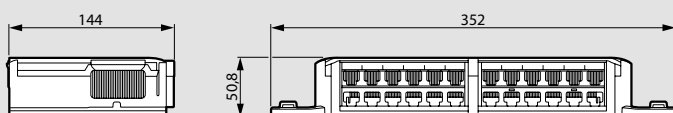


Dimensions (in mm)

Cat.No 0 337 96



Cat.No 0 337 97



Talk to us about
 LCS³ certification training

25-year guarantee: Legrand is committed to delivering a durable LCS³ system, see **our website**

Performance when installed with a zone distribution box (consolidation point)

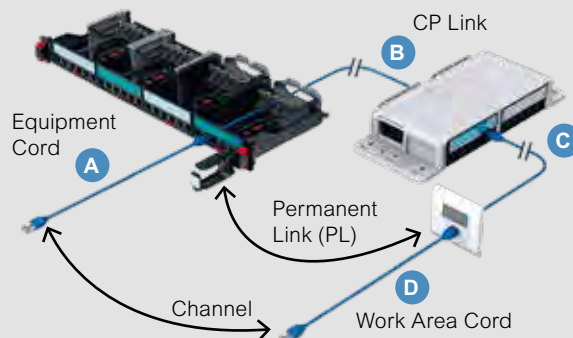
Maximum recommended lengths of links to ensure high performance of systems when using RJ 45 sockets with copper feedthroughs and/ or RJ 45 sockets

Performances for use of zone distribution boxes in 20°C environment

The distances below correspond to the most typical cases using preterminated solutions

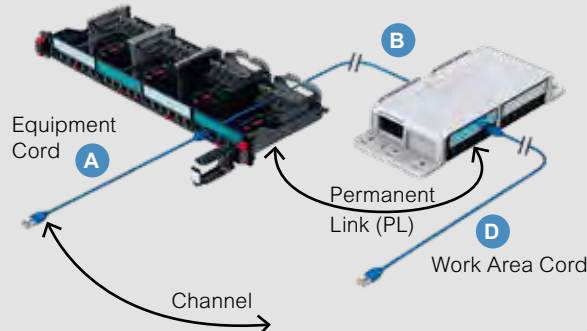
All other standard-compliant configurations are possible, including configurations with use of cables to be connected on site
 Refer to technical sheets for more information

a) Use of the area cabling cord in a channel with a Consolidation Point:



CP Cord C	CP Link B	Equipment Cord A	Work Area Cord D	Total Channel
8 m	74 m	5 m	5 m	92 m
15 m	63 m	5 m	5 m	88 m
20 m	56 m	5 m	5 m	86 m

b) Use of the area cabling cord in a channel with a MUTOA (Multi-User Telecommunications Outlet Assembly):



Work Area Cord D	Permanent Link B	Equipment Cord A	Total Channel
8 m	82 m	5 m	90 m
15 m	72 m	5 m	87 m
20 m	64 m	5 m	84 m

PoE certification

Using PoE technology, devices such as Wi-Fi access points, cameras, etc. can be supplied with power by the Ethernet data cable. The cable combines data and power to supply all the PoE peripherals. The LCS³ connectors are PoE++ Third Party certified.

Legrand solutions are complying as per below:

- Cables: 802.3 bt PoE++ applications compatible according to installation standards ISO/IEC 14763-2 and EN 50174-2:2018
- Connectors: Compatible remote powering "PoE" up to 100 W (IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt). Third party certified IEC 60512-99-002 for disconnection under PoE Type 4
- Patch cords: Compatible remote powering "PoE" up to 100 W (IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt) when installed according to standards ISO/IEC 14763-2 and/or EN 50174-2:2018



Table of PoE types according to cabling requirements and power availability

Name (Common name)	Type 1 (PoE)	Type 2 (PoE+)	Type 3 (PoE++)	Type 4 (PoE++)
IEEE Standard	802.3af (2003)	802.3at (2009)	802.3bt (2018)	802.3bt (2018)
Minimum Category Required	Category 3	Category 5e	Category 5e	Category 5e
Number of Pairs for Power	2	2	2 or 4	4
Maximum Current per Pair	350 mA	600 mA	600 mA	960 mA
Guaranteed maximum Power at PSE Output	15.4 W	30.0 W	60.0 W	90.0 W
Guaranteed maximum Power at PE Input	13 W	25.5 W	51.0 W	71.3 W
Diagram with maximum current per wire (mA)	175 175 175 	300 300 300 	300 300 300 	480 480 480

Pair with outgoing current

Pair with returning current

Pair without current

There are subdivisions of PoE called Classes. Below is a table of these Classes with correspondence to the PoE Types and the power available. It's important to note that the difference of power between the PD and the PSE does not represent an average efficiency, but only a worst case with maximum distance and highest resistance cabling.

Class	1	2	3	4	5	6	7	8
Type	Type 1			Type 2	Type 3 ⁽¹⁾		Type 4 ⁽²⁾	
PSE maximum output average power (W)	4	7	15.4	30	45	60	75	90
PD Input Average Power (W)	3.8	6.5	13.0	25.5	40.0	51.0	62.0	71.3
PD Peak operating Power (P)	5.0	8.4	14.4	28.3	42.0	53.5	65.1	74.9

1: Type 3 can also support Classes 1 to 4

2: Only single signature PD shown

High-performance maintenance

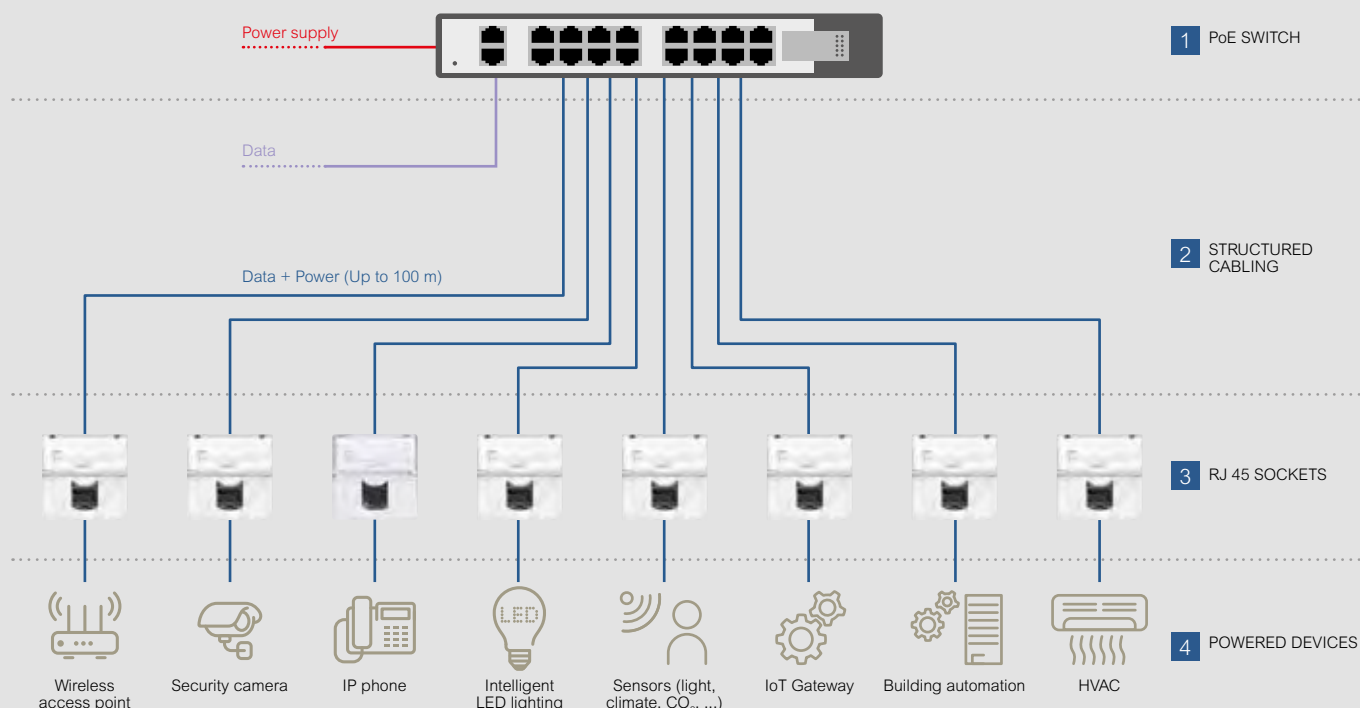


Being committed to delivering a durable LCS³ system, Legrand gives a 25-year guarantee on its performance and applications, PoE included

Legrand cabling system LCS³ - copper (continued)

PoE architecture

Building systems are moving to a single IP Network



PoE switch

A Power over Ethernet switch is a device which supplies power and data on Ethernet cabling. It is draw power from its own conventional power source and provide power to the rest of the PoE system.



Structured cabling

The twisted pairs cable is the power and data transmission medium of a PoE system. It is used to provide the link between two devices enabling bidirectional communication and uni-directional supply of power.



RJ 45 sockets

Universal RJ 45 socket to connect devices.



Powered devices

A powered device is a device which receives power from the power sourcing equipment. It does not require its own conventional power source.

Shielded Category 6A cabling is recommended for optimum future-proofing and is the best choice for the Internet of Things and is recommended by current design standards for BIoT.

Construction Products Regulation (CPR)

The CPR is a European law published in 2011, with a classification ratified in 2016, to impose minimum fire performance to products installed permanently in buildings. It covers, among other items, the communications cables fixed in the building, but not the removable items such as patch cords and user cords. Vendors are required to comply since July 1st, 2017 and the fire rating must be identified on the cable packaging along with the CE mark. The associated declaration of performance (DoP) must be made available to customers.

The EU regulation enforcing the standard by law is applicable to all European Economic Area (E.E.A.) member states: Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, the United Kingdom.

It also applies in the countries voluntarily participating to be part of the single market: Iceland, Liechtenstein, Norway and Switzerland. In addition, four other countries are E.U. candidates and in the process of incorporating EU legislation into national law: Montenegro, Macedonia, Serbia and Albania. Finally, Turkey is an associate member, voluntarily following EU regulations.

The classification consists of 7 Euroclasses which define the fire reaction performance. Below is a table summarizing the classification:

Testing and level of control		A _{CA}	B1 _{CA}	B2 _{CA}	C _{CA}	D _{CA}	E _{CA}	F _{CA}
Euro classification	Gross heat of combustion	yes	-	-	-	-	-	-
	Flame propagation	-	yes	yes	yes	yes	yes	no
	Heat release	-	yes	yes	yes	yes	no	no
Additional criteria	Smoke production, flaming droplets, smoke acidity	-	yes	yes	yes	yes	no	no
Control of compliance	Type Testing by independent lab	yes	yes	yes	yes	yes	yes	no
	Production sampling by certification body	yes	yes	yes	yes	no	no	no

Explanation of the Euroclasses

Euroclass	Reaction to fire	Comments
A _{CA}	Non combustible	It is near-impossible to produce non-combustible communication cable.
B1 _{CA}	Various level of flame propagation and heat release	D _{CA} is the lowest cable type with all aspect tested and certified by an independent laboratory. Higher classes offer improved resistance to flame propagation and heat release but their additional criteria could be identical.
B2 _{CA}		
C _{CA}		
D _{CA}		
E _{CA}	Minimum flame propagation testing	Heat release is not tested. Additional requirements are not tested, so the spread of fire is controlled, but the evacuation of people is limited due to toxic fumes. This is the first level of cable to require independent testing.
F _{CA}	No testing	Offers absolutely no guarantees. Should be avoided.

Definitions of the additional criteria

Smoke production	Performance	Particles / Droplets	Performance
s1	Very low smoke production	d0	No droplets / flaming particles
s1a	Very low smoke production and high transmittance	d1	Low droplets / flaming particles
s1b	Very low smoke production and medium transmittance	d2	No performance guaranteed
s2	Average smoke production		
s3	No performance guaranteed		
		Smoke acidity	Performance
		a1	Very low smoke acidity
		a2	Low smoke acidity
		a3	No performance guaranteed

These additional criteria are added after the letter of the Euroclass in order s, d, a. and they allow for more than 200 combinations. For obvious reasons, most will not exist, and only the most useful ones will be used.

It is important to understand that the lowest rating in each type means that the product actually does not meet the requirements.

Duplex applications, functioning on Duplex LC

Duplex	OM3	OM4	OM5	OS1a	OS2
10Gbps	300m ⁽¹⁾	400m ⁽¹⁾	400m ⁽¹⁾	2km ⁽¹⁾	10km ⁽¹⁾
25Gbps	70m ⁽¹⁾	100m ⁽¹⁾	100m ⁽¹⁾	2km ⁽¹⁾	10km ⁽¹⁾
40Gbps	240m ⁽²⁾	350m ⁽²⁾	440m ⁽²⁾	2km ⁽¹⁾	10km ⁽¹⁾
50Gbps	70m ⁽¹⁾	100m ⁽¹⁾	100m ⁽¹⁾	2km ⁽¹⁾	10km ⁽¹⁾
100Gbps	70m ⁽²⁾	100m ⁽²⁾	150m ⁽²⁾	2km ⁽¹⁾	10km ⁽¹⁾
200Gbps	N/A ⁽³⁾	N/A ⁽³⁾	N/A ⁽³⁾	2km ⁽¹⁾	10km ⁽¹⁾
400Gbps	N/A ⁽³⁾	N/A ⁽³⁾	N/A ⁽³⁾	2km ⁽¹⁾	10km ⁽¹⁾

1: Standard
2: Multi-Source Agreement
3: Not applicable

Parallel optics applications, functioning on 12-core MPO/MTP

Parallel	OM3	OM4	OM5	OS1a	OS2
10Gbps	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾
25Gbps	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾
40Gbps	100m ⁽¹⁾	150m ⁽¹⁾	150m ⁽¹⁾	N/A ⁽²⁾	N/A ⁽²⁾
50Gbps	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾	N/A ⁽²⁾
100Gbps	70m ⁽¹⁾	100m ⁽¹⁾	100m ⁽¹⁾	500m ⁽¹⁾	500m ⁽¹⁾
200Gbps	70m ⁽¹⁾	100m ⁽¹⁾	100m ⁽¹⁾	500m ⁽¹⁾	500m ⁽¹⁾
400Gbps	100m ⁽¹⁾	100m ⁽¹⁾	150m ⁽¹⁾	500m ⁽¹⁾	500m ⁽¹⁾

1: Standard
2: Not applicable

16, 20 and 32 core applications not shown as they are not compatible with single 12-core MPO links
Note that any duplex application can also function on MPO/MTP parallel optics infrastructure

Optical performance

MTP® connectors

	Multimode Ultra Performance*	Singlemode Ultra Performance*
IL/Master	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) ^(2,3)	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) ^(1,4)
IL Max/Random*	0.35 dB (single fibre)	0.35 dB (single fibre)
Optical return loss ⁽⁵⁾	> 20 dB	> 60 dB (8° anglepolished)

1: As tested in accordance with ANSI/TIA-455-171 Method D3 / IEC 61300-3-4
2: As tested in accordance with ANSI/TIA-455-171 Method D1 / IEC 61300-3-4
3: As tested on 50µm fibres at a wavelength of 850 nm in accordance with IEC 61280-4-1
4: Complies with IEC 61755-3-31/GRADE B
5: As tested in accordance with IEC 61300-3-6 and ANSI/TIA-455-107A

* Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components of other brand may lead to a different performance of the system. The uncertainty value for field measurement with LSPM testing using a reference cord defined in ISO/IEC 14763-3 applies to field testing with proposed Legrand testing cords. Refer to the Fibre Optic Testing Guide for Legrand Solutions.

LC, SC, LC APC, SC APC connectors

Optical performance	Singlemode Ultra Performance	Multimode Ultra Performance
IL Max/Master ^(*)	0.15 dB	0.15 dB
IL Max/Random ^{(**)(***)}	0.25 dB	0.2 dB
Typ. IL/Master ^(*)	0.12 dB	0.08 dB
Typ. IL/Random ^{(**)(***)}	0.12 dB	0.10 dB
Return loss (UPC/APC)	> 55/65 dB	> 25 dB

* IEC 61300-3-4
** IEC 61300-3-34
*** Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components of other brand may lead to a different performance of the system. The uncertainty value for field measurement with LSPM testing using a reference cord defined in ISO/IEC 14763-3 applies to field testing with proposed Legrand testing cords. Refer to the Fibre Optic Testing Guide for Legrand Solutions. Storage and operating temperature: -10°C to +60°C Solutions.

Production quality control

- For MTP:
Optical performance: 100% factory tested
3D endface geometry (interferometry): 100% factory products controlled
- For LC, SC, LC APC, SC APC:
Optical performance: 100% factory tested
3D endface Geometry (interferometry): sampling quality control

Technical characteristics

Multimode cable

OM5 fibre is designed for wavelength multiplexing

Type of cable	OM3	OM4	OM5
Type of fibre ¹	A1a.2	A1a.3	A1a.4
Maximum attenuation at 850 nm, dB/km	3	3	3
Effective bandwidth at 850 nm, MHz x km	2000	4700	4700
Effective bandwidth at 953 nm, MHz x km	N/A	N/A	2470

1: According to IEC 60793-2-10

Single-mode cable

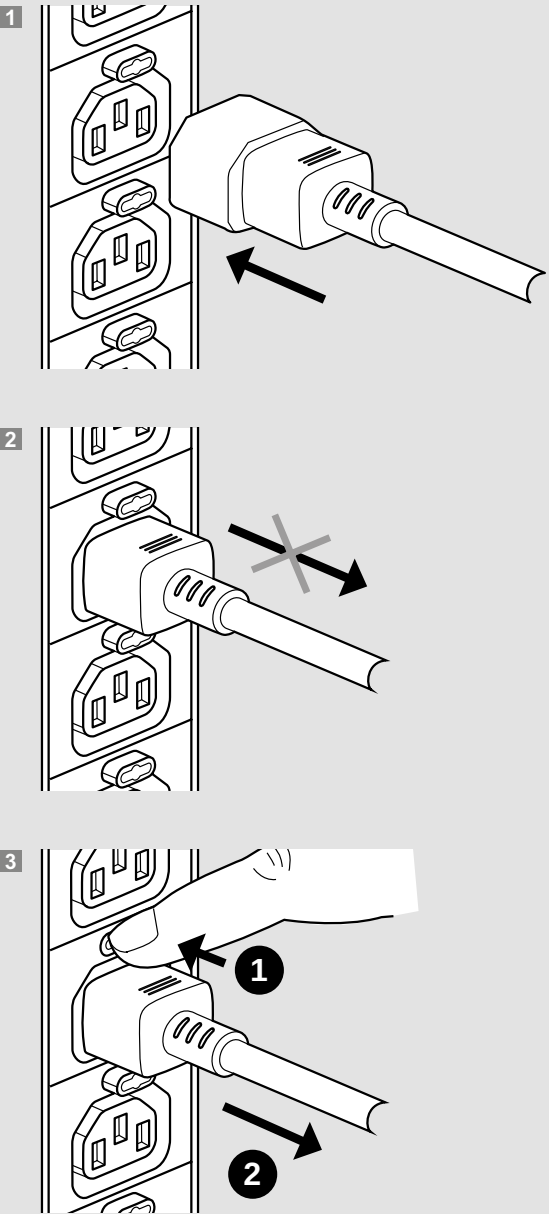
Type of cable	OS1a	OS2
Environment	Indoor	Indoor/ Outdoor
Type of fibre ⁽¹⁾	B1,3 or B6	
Maximum attenuation at 1310, 1383 and 1550 nm	1.0	0.4

1: According to IEC 60793-2-50

Energy distribution

cord locking system

Cord locking system on C13 and C19 sockets

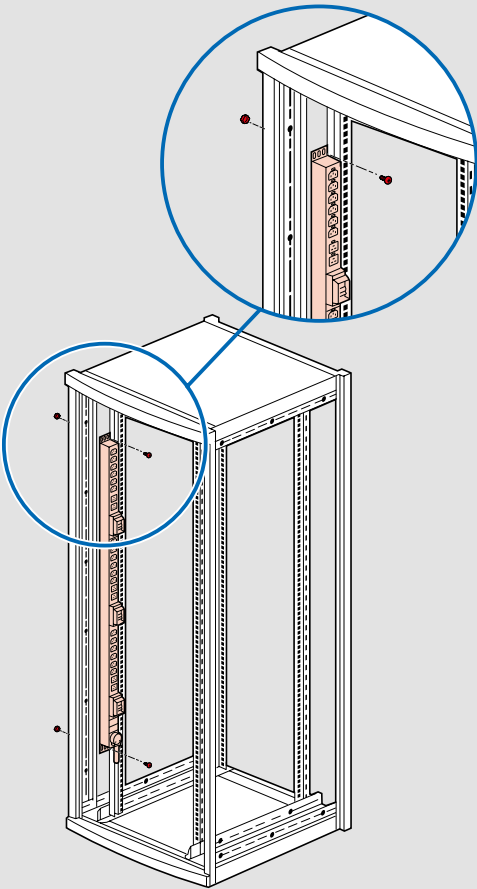


Energy distribution

Zero-U PDU mounting in server cabinets

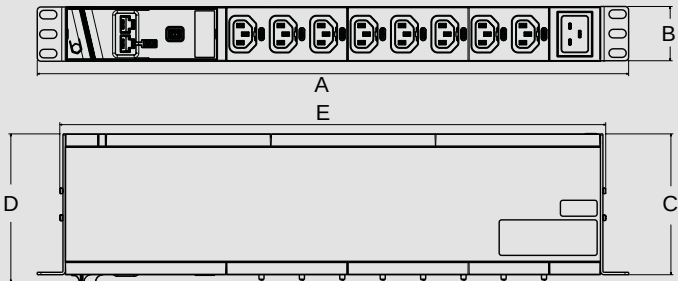
Solution with standard brackets

Screw fixing with support



19in Smart PDU dimensions

Cat.Nos	A	B	C	D	E
6 461 00	482.9	44.3	115	121	445.8
6 469 01	482.9	44.3	115	139	445.8



Energy distribution

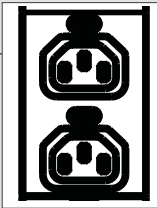
Zero-U PDU basic configurations

Zero-U basic PDU configurations

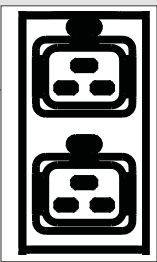
646960 646961 646962 646963 646964 646965 646966



C13 Sockets

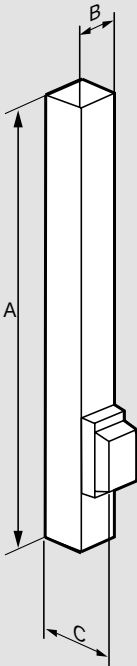


C19 Sockets



Zero-U Basic dimensions

Cat.Nos	Height	Width	Depth	Flex Lenght
	A (mm)	C (mm)	D (mm)	(m)
6 469 60	975	44.3	57.5	3
6 469 61	902	44.3	57.5	-
6 469 62	1092	44.3	57.5	3
6 469 63	1164	44.3	57.5	3
6 469 64	978	44.3	57.5	3
6 469 65	1203	44.3	57.5	3
6 469 66	1227	44.3	85	3

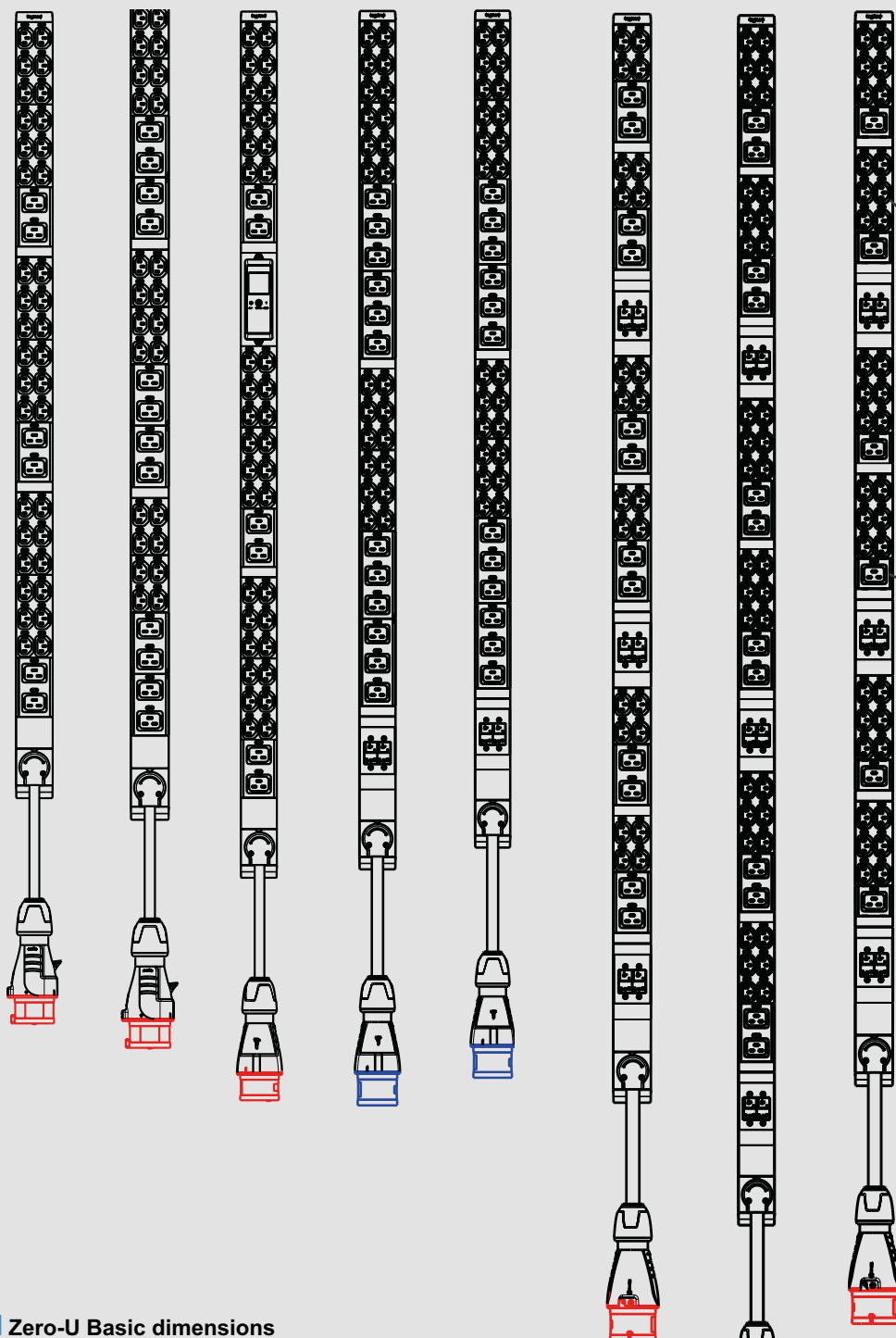


Energy distribution

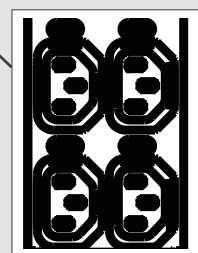
Zero-U PDU basic configurations

Zero-U basic high density PDU configurations

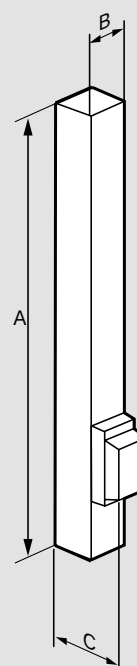
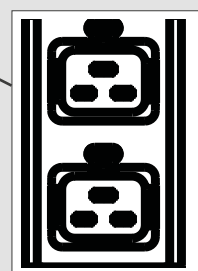
646910 646911 646970 646971 646972 646974 646975 646976



C13 HD Sockets



C19 Sockets



Zero-U Basic dimensions

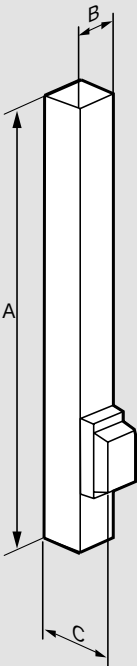
Cat.Nos	Height	Width	Depth	Flex Lenght
	A (mm)	C (mm)	D (mm)	(m)
6 469 10	1113	65	52	3
6 469 11	1131	65	52	3
6 469 70	1248	92.4	52	3
6 469 71	1236	65	52	3
6 469 72	1218	65	52	3
6 469 73	1506	65	52	3
6 469 74	1740	65	52	3
6 469 75	1488	65	52	3

Energy distribution

Zero-U smart PDU configurations

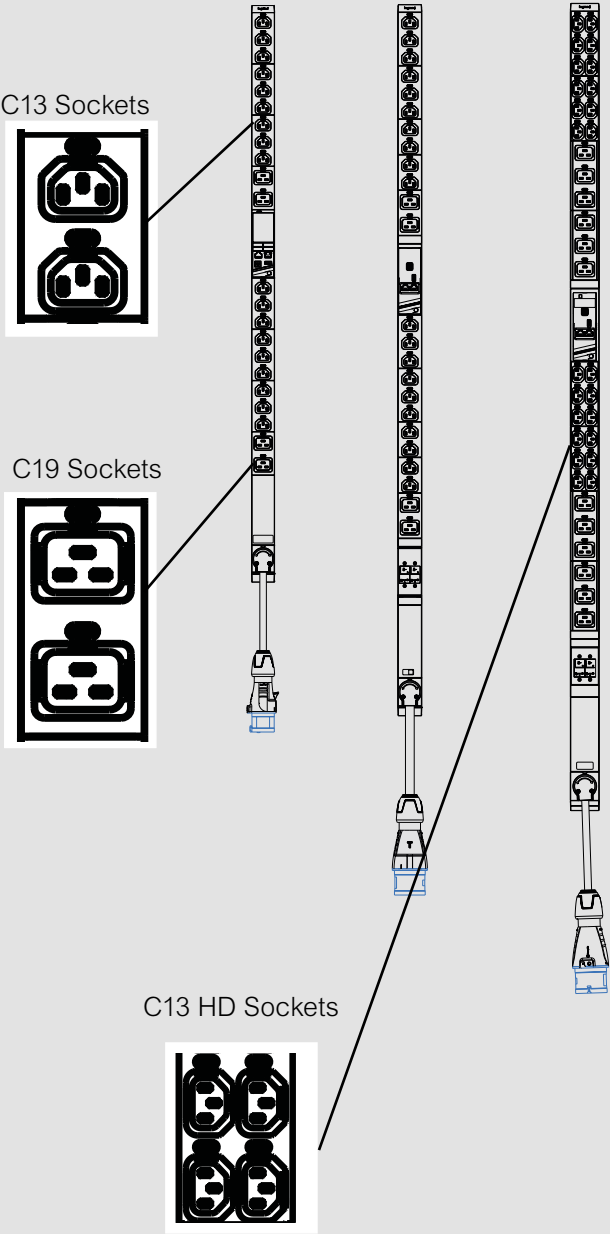
Zero-U smart PDU dimensions

Cat.Nos	Height	Width	Depth	Flex Lenght
	A (mm)	C (mm)	D (mm)	(m)
6 461 02	1113	44.3	65.9	3
6 461 03	1113	44.3	81	3
6 461 04	1317	44.3	65.9	3
6 461 05	1317	44.3	81	3
6 461 06	1458	52	65	3
6 461 07	1458	52	90.9	3
6 461 08	1440	52	65	3
6 461 09	1440	52	90.9	3
6 461 10	1350	52	65	3
6 461 11	1350	52	91.4	3
6 461 12	1728	52	65	3
6 461 13	1728	52	87.5	3
6 461 14	1982	52	65	3
6 461 15	1982	52	91.5	3
6 461 16	1710	52	65	3
6 461 17	1710	52	91.7	3
6 461 20	1256	44.3	65.9	3
6 461 21	1256	44.3	81	3
6 461 22	1267	44.3	75	3
6 461 23	1267	44.3	81.3	3
6 461 24	1590	44.3	75	3
6 461 25	1591	44.3	83.8	3
6 461 26	1266	44.3	57.7	3
6 461 27	1266	44.3	83.8	3
6 461 28	1542	44.3	57.7	3
6 461 29	1544	44.3	83.8	3



Zero-U smart PDU configurations

Base Unit	6 461 02	6 461 04	6 461 06
Node Unit	6 461 03	6 461 05	6 461 07



Energy distribution

Zero-U smart PDU configurations

6 461 08	6 461 10	6 461 12	6 461 14	6 461 16	6 461 20	6 461 22	6 461 24	6 461 26	6 461 28
6 461 09	6 461 11	6 461 13	6 461 15	6 461 17	6 461 21	6 461 23	6 461 25	6 461 27	6 461 29





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