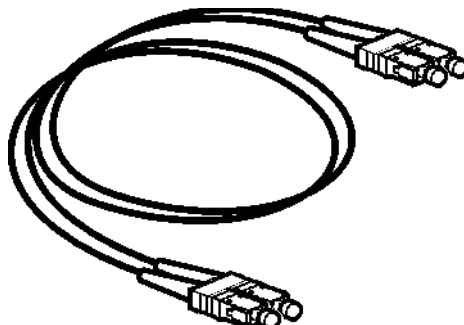


Optic Fibre Patch Cords Multimode

Cat. No(s): 326 09/10/11/12/13/14/15/16/17
330 61/62/63/65/69/70/71/72/73/75/76/77/78/80/81/82
331 51/52/53/57/58



1. DESCRIPTION

Legrand optic fibre patchcords are suitable for low loss datacom, data centre and some critical applications. The patchcords provide flexible interconnection to active equipment, passive optical devices and cross-connects. The patchcords are terminated with premium range physical contact or ultra physical contact, zirconia ferrule connectors which are manufactured with precision factory mounting and polishing techniques which helps assure high transmission quality.

OM 1 (PC) Multimode optical cords (62.5/125 µm)

Maximum optical losses : 0,3 dB

Orange sheaths

CAT. Nos	Designation	Length
331 51	SC/SC duplex parch cords	1 m
331 52		2 m
331 53		3 m
331 57	ST/SC duplex parch cords	1 m
331 58		2 m
330 77	LC/SC duplex parch cords	1 m
330 62		2 m
330 78		3 m

OM 2 (PC) Multimode optical cords (50/125 µm)

Maximum optical losses : 0,3 dB

Orange sheaths

CAT. Nos	Designation	Length
330 80	ST/ST duplex cords	1 m
330 81		2 m
331 82		3 m
330 69	SC/SC duplex cords	1 m
330 70		2 m
330 71		3 m
330 72	ST/SC duplex cords	2 m
330 73		3 m
330 61	LC/LC duplex cord	2 m
330 75	SC/LC duplex cords	1 m
330 63		2 m
330 76		3 m
330 65	LC/ST duplex cords	2 m

OM 3 (PC) Multimode optical cords (50/125 µm)

Suitable for 10 Gb Ethernet network

Maximum optical losses : 0,3 dB

Purple sheaths

CAT. Nos	Designation	Length
326 09	SC/SC duplex cords	1 m
326 10		2 m
326 11		3 m
326 12	SC/LC duplex cords	1 m
326 13		2 m
326 14		3 m
326 15	LC/LC duplex cords	1 m
326 16		2 m
326 17		3 m

Optic Fibre Patch Cords Multimode

Cat. No(s).: 326 09/10/11/12/13/14/15/16/17
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2. FEATURES / BENEFITS

- Conform to IEC, EIA-TIA, and Telecordia performances requirements
- Available in different fibre types
- Available with different connector types
- Available in standard and custom lengths
- RoHS, REACH & SvHC compliant

3. APPLICATIONS

- Data centre
- CATV
- FTTX
- Telecommunication networks
- LAN and WAN
- Broadband network

4. CONNECTOR SPECIFICATION

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
	OM1/OM2/OM3	
IL MAX/Master (Acceptance)	0,15 dB	IEC 61300-3-4
MAX IL/Random	0,25 dB	IEC 61300-3-34
Ave/Master *	0,08 dB	IEC 61300-3-4
Ave/Random *	0,10 dB	IEC 61300-3-34
Return Loss	25 dB	IEC 61300-3-6

* The change in attenuation for all the above listed criteria shall be a maximum of 0,20 dB

MECHANICAL PROPERTIES		CONFORMANCE
Mechanical endurance	500 matings	IEC 61300-2-2
Vibration	10-55 Hz, 0,75 amplitude	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	IEC 61300-2-12
Cable retention	Magnitude 90 N	IEC 61300-2-4
Cable torsion	1,5 kg - 2,5 kg for 2 mm - 3 mm cable diameter	IEC 613000-2-5

CONNECTOR TYPE	CONFORMANCE	MM DUPLEX
		OM1/OM2/OM3
SC	IEC 61754-4	MM PC - Beige with clips Boot - Red & black
LC	IEC 61754-20	MM PC - Beige with clips Boot white
ST	IEC 61754-2	MM PC - Red & black boot

IMP : Please note that the LC 2 mm connectors will have heat shrinks to serve the purpose of cable retention. C clips will be provided for channel identification of duplex FC and ST patchcords.

Optic Fibre Patch Cords
Multimode

Cat. No(s).: 326 09/10/11/12/13/14/15/16/17
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5. CABLE SPECIFICATION

CHARACTERISTICS	UNITS	DUPLEX
Cable Material		LSZH or PVC
Strength Member		Aramid
Crush	N	1 000
Operating Temperature	° C	- 20 to + 60
Secondary Buffer Diameter (2 mm, 2,4 mm and 3 mm)	µm	900 ± 50
Secondary Buffer Diameter (1,6 mm and 1,8 mm)	µm	600 ± 50
Minimum Bending Radius	mm	10 D (installed) 20 D (baded)

IMP : The patchcords are available in standard length of 1m, 2m, 3m, 5m, and 10m. For other lengths please contact FibreFab for the actual lead times