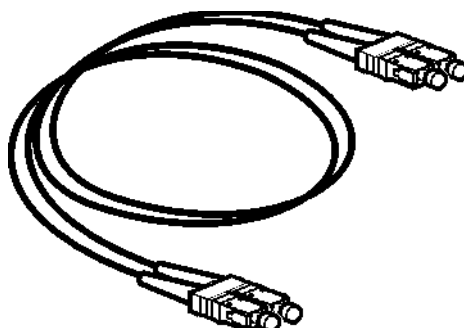


Optic Fibre Patch Cords Singlemode

Cat. No(s): 326 00/01/02/03/04/05/06/07/08



1. DESCRIPTION

Legrand optic fibre patchcords are suitable for low loss telecom, 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 ultra physical contact and angled physical contact (singlemode), zirconia ferrule connectors which are manufactured with precision factory mounting and polishing techniques which helps assure high transmission quality.

OS1 (UPC) Monomode optical cords (9/125 µm)

Maximum optical losses : 0,3 dB

Yellow sheaths

CAT. Nos	Designation	Length
326 00	SC/SC duplex cords	1 m
326 01		2 m
326 02		3 m
326 03	SC/LC duplex cords	1 m
326 04		2 m
326 05		3 m
326 06	LC/LC duplex cords	1 m
326 07		2 m
326 08		3 m

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	SINGLEMODE	CONFORMANCE
	OS1	
IL MAX/Master (Acceptance)	0,15 dB	IEC 61300-3-4
MAX IL/Random	0,30 dB	IEC 61300-3-34
Ave/Master *	0,12 dB	IEC 61300-3-4
Ave/Random *	0,12 dB	IEC 61300-3-34
Return Loss	55/65 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

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4. CONNECTOR SPECIFICATION (suite)

CONNECTOR TYPE	CONFORMANCE	SM DUPLEX
		OS1
SC	IEC 61754-4	SM PC - Blue APC - Green with clips
LC	IEC 61754-20	SM PC - Blue APC - Green with clips Boot-white
ST	IEC 61754-2	SM PC - Yellow 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 patch-cords.

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