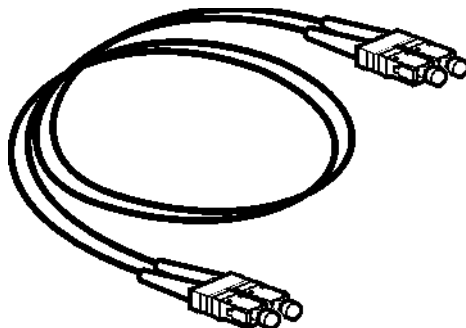


Optic Fibre Patch Cords Singlemode

Cat. No(s): 0 326 00/01/02/03/04/05/06/07/08/28/29



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/OS2 (UPC) Monomode optical cords (9/125 µm)

Yellow sheaths

| CAT. Nos | Designation | Length |
|----------|--------------------|--------|
| 0 326 00 | SC/SC duplex cords | 1 m |
| 0 326 01 | | 2 m |
| 0 326 02 | | 3 m |
| 0 326 03 | SC/LC duplex cords | 1 m |
| 0 326 04 | | 2 m |
| 0 326 05 | | 3 m |
| 0 326 28 | LC/LC duplex cords | 0,5 m |
| 0 326 06 | | 1 m |
| 0 326 07 | | 2 m |
| 0 326 08 | | 3 m |
| 0 326 29 | | 5 m |

2. FEATURES / BENEFITS

- Conform to IEC, EIA-TIA, and Telecordia performances requirements
- RoHS, REACH & SvHC compliant

3. APPLICATIONS

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

4. CONNECTOR SPECIFICATION

| OPTICAL PERFORMANCE | SINGLEMODE | CONFORMANCE |
|----------------------------|------------|----------------|
| | OS1/OS2 | |
| 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 |
| 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/OS2 |
| SC | IEC 61754-4 | SM UPC - Blue APC - Green with clips |
| LC | IEC 61754-20 | SM UPC - Blue APC - Green with clips Boot-white |
| ST | IEC 61754-2 | SM UPC - 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 |
| 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 your Legrand contact.