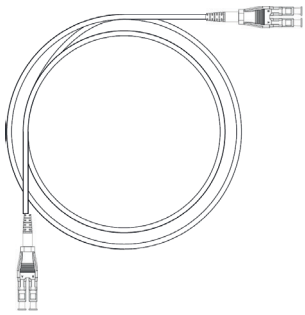
87045 LIMOGES Cedex
Telephone: 33 0 5 55 06 87 87 - Fax: 33 0 5 55 06 88 88

Uniboot Optic Fibre Patch Cords Singlemode

Cat. No(s).: 0 326 86/87/88/89/92
9 001 53/54/55



1. DESCRIPTION

Legrand optic fibre uniboot 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. Uniboot patchcord connectors are switchable. They are delivered in a A to B configuration, connectors can be easily switched to make A to A patchcords on the field. The patchcords are terminated with ultra physical contact, zirconia ferrule connectors which are manufactured with precision factory mounting and polishing techniques which helps assure high transmission quality.

OS2 (UPC) singlemode uniboot optical patchcords (9/125 µm)

Cat. Nos	Designation	Length
0 326 86	Patchcord LC/LC uniboot switchable OS2 G657A2 **(A to B)**	1 m
0 326 87		2 m
0 326 88		3 m
0 326 89		5 m
0 326 92		10 m
On-demand 9 001 53/54/55	Patchcord LC/LC Uniboot switchable OS2 G657A2 **(A to B)**	1 to 50 m

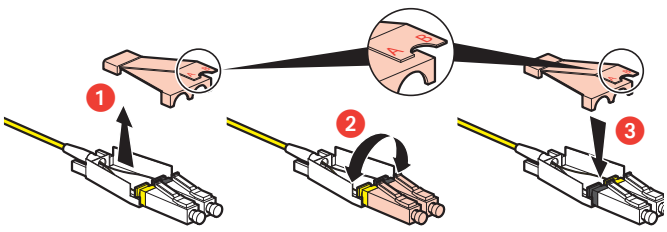
2. FEATURES / BENEFITS

- Duplex connectors with uniboot configuration to save space into high density environnement.
- Easy switchable to change the standard A to B configuration to a A to A configuration
- Fiber identification on each connectors.
- Conform to IEC, EIA-TIA, and Telecordia performances requirements
- RoHS, REACH & SvHC compliant
- Available in standard and custom lengths

3. APPLICATIONS

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

4. POLARITY SWITCHING



5. CONNECTOR AND FIBER SPECIFICATIONS

Fiber type	G.657.A2	IEC 60793-2-50 type B6_a
Measurement	**Optical Performance**	**Conformance**
IL MAX/Master (Acceptance)	0.2 dB	IEC 61300-3-4
MAX IL/Random	0.25 dB	IEC 61300-3-34
Typ. IL/Random	0.12 dB	IEC 61300-3-34
Return Loss	> 55 dB	IEC 61300-3-6

6. CONNECTOR MECHANICAL SPECIFICATION

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 50 N	IEC 61300-2-4
Cable torsion	1.5 kg	IEC 61300-2-5

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

Connector type	Conformance	Colours
LC	IEC 61754-20	Connector : Blue Boot : white

7. CABLE SPECIFICATION

Characteristics	Units	Values
Cable Material		LSZH
Cable diameter	mm	2.8
Cable colour		Yellow
Strength Member		Aramid
Crush	N/100mm	1 000
Operating Temperature	° C	- 40 to + 70
Secondary Buffer Diameter	µm	900 ± 50
Minimum Bending Radius	mm	R = 7.5 mm