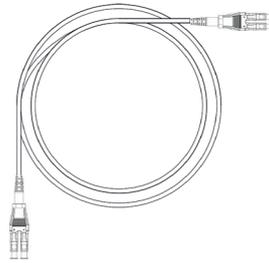


Uniboot Optic Fibre Patchcords Multimode

Cat. No(s): 0 326 95/96/97/98/99
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 convert to A to A patchcords on the field. The patchcords are terminated with premium range physical contact, zirconia ferrule connectors which are manufactured with precision factory mounting and polishing techniques which helps assure high transmission quality.

OM4 uniboot optical patchcords (50/125 µm)

Aqua sheaths

CAT. Nos	Designation	Length
0 326 95	Patchcord LC/LC Uniboot switchable OM4 Ultra LSZH (A to B)	1 m
0 326 96		2 m
0 326 97		3 m
0 326 98		5 m
0 326 99		10 m
On-demand 9 001 53/54/55	Patchcord LC/LC Uniboot switchable OM4 or OM5 Ultra LSZH (A to B)	1 to 50 m

OM4 uniboot optical patchcords (50/125 µm)

Heather Violet sheaths

	Designation	Length
On-demand 9 001 53/54/55	Patchcord LC/LC Uniboot switchable OM4 Ultra LSZH (A to B)	1 to 50 m

2. FEATURES / BENEFITS

- Duplex connectors with uniboot configuration to save space into high density environment.
- Easy switchable to change the standard A to B configuration to a A to A configuration
- Fiber identification on each connectors.
- Conform to IEC, ANSI/TIA, and Telecordia performances requirements
- Available in different fibre types
- Available in standard and custom lengths
- RoHS, REACH & SvHC compliant
- 3D endface geometry (interferometry): sampling quality control.
- Optical performance: 100% factory tested

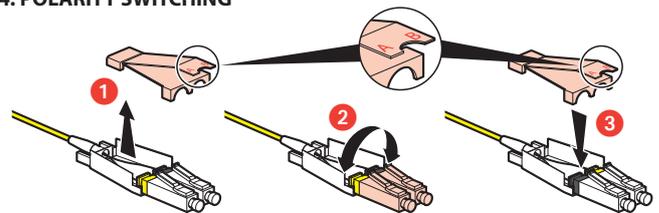
3. APPLICATIONS

The Legrand core, ultra and quantum connectivity performances are far superior than standard. They provide the following benefits for the user :

- Wider range of applications
- More flexibility in the design
- Energy saving on the active (transceivers).

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

4. POLARITY SWITCHING



5. CONNECTOR AND FIBER OPTICAL SPECIFICATIONS

Fiber type	OM4 OM5	IEC 60793-2-10 type A1a.3 IEC 60793-2-10 type A1a.4
Connector	Ultra Performance	Conformance
IL Max/Master	0.15 dB	IEC 61300-3-4
IL Max/Random *	0.20 dB	IEC 61300-3-34
Typ. IL/Random *	0.10 dB	IEC 61300-3-34
Typ. IL/Master	0.08 dB	IEC 61300-3-34
Return Loss	> 35 dB	IEC 61300-3-6

* 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 Fiber Optic Testing Guide for Legrand Solutions.

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 criteria shall be a maximum of 0,20 dB

CONNECTOR TYPE	CONFORMANCE	Colours
LC	IEC 61754-20	OM4 and OM5 : Connector : Aqua Boot : White

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7. CABLE SPECIFICATION

CHARACTERISTICS	UNITS	
Cable Material		LSZH
Cable diameter	mm	3
Cable colour		OM4 : Aqua or Heather Violet OM5 : Lime green
Strength Member		Aramid
Crush	N/100mm	1 000
Operating Temperature	°C	- 20 to + 60
Secondary Buffer Diameter	µm	900 ± 50
Minimum Bending Radius	mm	10 D (installed) 20 D (loaded)