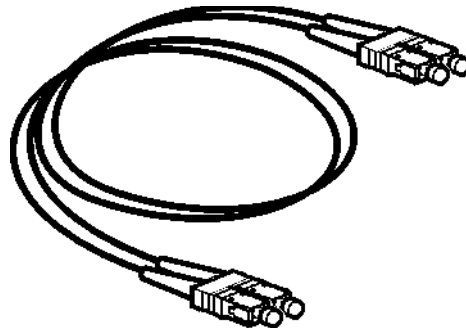


## Optic Fibre Patch Cords Multimode

Cat. No(s): 0 326 09/10/11/12/13/14/15/16/17/30/31/32/33/34/35/36/37  
0 330 61/62/63/65/69/70/71/72/73/75/76/77/78/80/81/82  
0 331 51/52/53/57/58 - 9 001 37



### 1. DESCRIPTION

Legrand optic fibre patchcords are suitable for low loss datacom, data centre and some critical applications. The patchcords provide flexible inter-connection 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.

#### OM1 (PC) Multimode optical cords (62.5/125 µm) - (A to B)

Orange sheaths

CAT. Nos	Designation	Length
0 331 51	SC/SC duplex parch cords	1 m
0 331 52		2 m
0 331 53		3 m
0 331 57	ST/SC duplex parch cords	1 m
0 331 58		2 m
0 330 77	LC/SC duplex parch cords	1 m
0 330 62		2 m
0 330 78		3 m

#### OM2 (PC) Multimode optical cords (50/125 µm) - (A to B)

Orange sheaths

CAT. Nos	Designation	Length
0 330 80	ST/ST duplex cords	1 m
0 330 81		2 m
0 331 82		3 m
0 330 69	SC/SC duplex cords	1 m
0 330 70		2 m
0 330 71		3 m
0 330 72	ST/SC duplex cords	2 m
0 330 73		3 m
0 330 61	LC/LC duplex cord	2 m
0 330 75	SC/LC duplex cords	1 m
0 330 63		2 m
0 330 76		3 m
0 330 65	LC/ST duplex cords	2 m

#### OM3 (PC) Multimode optical cords (50/125 µm)

Suitable for 10 Gb Ethernet network

Aqua sheaths

CAT. Nos	Designation	Length
0 326 09	SC/SC duplex cords (A to B)	1 m
0 326 10		2 m
0 326 11		3 m
0 326 12	SC/LC duplex cords (A to B)	1 m
0 326 13		2 m
0 326 14		3 m
0 326 15	LC/LC duplex cords (A to B)	1 m
0 326 16		2 m
0 326 17		3 m
9 001 37	LC/LC duplex cords (A to A)	1 m
	LC/LC duplex cords high performance (A to A) or (A to B)	2 m
		3 m

#### OM4 (UPC) Multimode optical cords (50/125 µm)

Suitable for 10 Gb Ethernet network

Aqua sheaths

CAT. Nos	Designation	Length
0 326 30	SC/SC duplex cords high performance (A to B)	1 m
0 326 31		2 m
0 326 32		3 m
0 326 33	LC/LC duplex cords high performance (A to B)	0,5 m
0 326 34		1 m
0 326 35		2 m
0 326 36		3 m
0 326 37		5 m
9 001 37	LC/LC duplex cords high performance (A to A)	0,5 m
		1 m
		2 m
		3 m
		5 m

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## 2. FEATURES / BENEFITS

- Conform to IEC, ANSI-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
- FTTX
- Telecommunication networks
- LAN and WAN
- Broadband network

## 4. CONNECTOR SPECIFICATION

DESCRIPTION	OM1/OM2/OM3	OM3/OM4	CONFORMANCE
OPTICAL PERFORMANCE	Standard	High performance	
IL MAX/Master (Acceptance)	0,3 dB	0,15 dB	IEC 61300-3-4
MAX IL/Random	0,4 dB	0,25 dB	IEC 61300-3-34
Ave/Master *	0,15 dB	0,08 dB	IEC 61300-3-4
Ave/Random *	0,20 dB	0,10 dB	IEC 61300-3-34
Return Loss	NA	NA	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

CONNECTOR TYPE	CONFORMANCE
SC	IEC 61754-4
LC	IEC 61754-20
ST	IEC 61754-2

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.

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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 (loaded)

IMP : The patchcords are available in standard length of 1m, 2m, 3m, 5m, and 10m. For other lengths please contact your agency.

## 6. REALIZATION ON DEMAND

Legrand Special Department could offer on demand component :

- Cords A to A
- Cords OM3 and OM4 : see possibility in boards above (9 001 37)
- Consult your agency or local subsidiary