

Datasheet

2m Fibre Optic Cable Assembly, Multi Mode OM1

RS Stock number [536-7099](#)



Description:

Standard Fibre Patch Cords - LC to LC

Fibre optic patch cables featuring:

Polished ceramic ferrule LC connectors

Maximum insertion loss 0.5dB

Duplex leads with colour coded strain reliefs to indicate signal path

Low smoke, zero halogen insulation

RS, Professionally Approved Products, gives you professional quality parts across all product categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

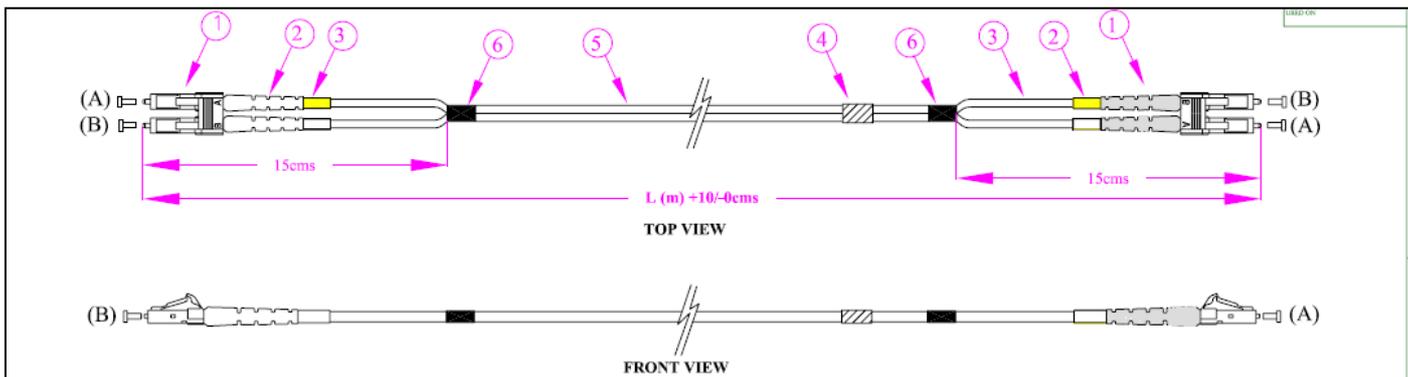
Caution

Do not exceed the minimum bend radius.

Specification:

- Communication Channels: Duplex
- Connector A: LC
- Connector B: LC
- Core Diameter: 62.5/125µm
- Fibre Type: OM1
- Length: 2m
- Propagation Mode: Multi Mode
- Sheath Colour: Orange

Dimensions:



Cable and Fibre Type

Grade of the cable: LSZH

Fibre type (ISO/IEC 11801-2002)		Outer Sheath Colour
62.5/125	OM1	Orange
50/125	OM2	Orange
50/125	OM3	Purple
09/125	OS1	Yellow

Id No.	Description	Ea
1.	LC Duplex Connector	2
2.	LC Boots	4
3.	LC Heat Shrink (Yellow+White)	2+2
4.	Identification Label	1
5.	1.6mm Duplex Cable (L m)	1
6.	Black Tape	2

Connector: LC clips shall be mounted on to the connector to make it duplex.

Optical Performance (IEC 61300-3-4):

Multimode (@ 1300nm)

LC : Max. IL - 0.30dB Typical: 0.20dB

Singlemode: (@1310nm and/or 1550nm)

LC : Max. IL - 0.30dB Typical: 0.20dB Return Loss: >50dB

RoHS Compliant

Coiling Diameter: Coiling Diameter of the patchcord shall be greater than 200mm

Packing: Each product shall be individually bagged and identified with a unique number printed on an ID label affixed to the product. Also, each product will be supplied with a Test Certificate.

REV	DESCRIPTION	DATE	DRN	APD	REV	DESCRIPTION (REVISION RECORD)	DATE	DRN	APD
MATERIAL		SIZE	TITLE		DRN		APD		
FINISH		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PART NO.		DWG/REV. NO.		REV		
SCALE		0 P.L.C. ± TOL.0	FibreFab Ltd.		REV 01		SHEET		
ALL DIMENSIONS IN MM		1 P.L.C. ± TOL.1	Milton Keynes, England		1 OF 1		DATE		
		2 P.L.C. ± TOL.2							
		3 P.L.C. ± TOL.3							
		4 P.L.C. ± TOL.4							
		ANGLES ± ANG.							