

Network Cable Fiber



LinkIT Fibre Optic Cable OM2 ST/ST Orange 1m

Duplex | MM | LSZH

Product number: FPD52TPTP-010

Product Description

OM2 is a multi-mode fiber with a core diameter of 50 µm. The smaller core diameter provides better range than OM1, but still quite limited for high bit rates. OM2 fiber is fully compatible with newer types of multimode fiber since all of these have a core diameter of 50 µm. Most of our OM2 cords come with an orange outer sheath and clean connectors of top quality. They come with clips that make it easy to change polarity.

Main Specifications

Brand	LinkIT
Color	Orange
Length (m)	1
Category	OM2
Connector type 1	ST
Connector type 2	ST
Polishing contact 1	PC
Polishing contact 2	PC
Cable type	Duplex
Number of fibers	2
Wave length (nm)	850/1300nm
Core Diameter (um)	50/125 Multimode

Extended Specifications

Transmission speed	10Gbps
Jacket material	LSZH
Anti-kink sleeve	Moulded



Optical Return Loss (dB)	≥35dB
Insertion Loss (dB)	≤0.3dB
Operating Temperature	-40°C ~ +75°C
Storage Temperature	-40°C ~ +75°C
Cable Diameter (mm)	2.0
Fire properties	IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
Halogenfree	✓
Oil resistant	✗
Fire retardant version	✓
Bending radius (mm)	20
Tensile loads (N)	150
Certifications	CE, RoHS

Single packaging

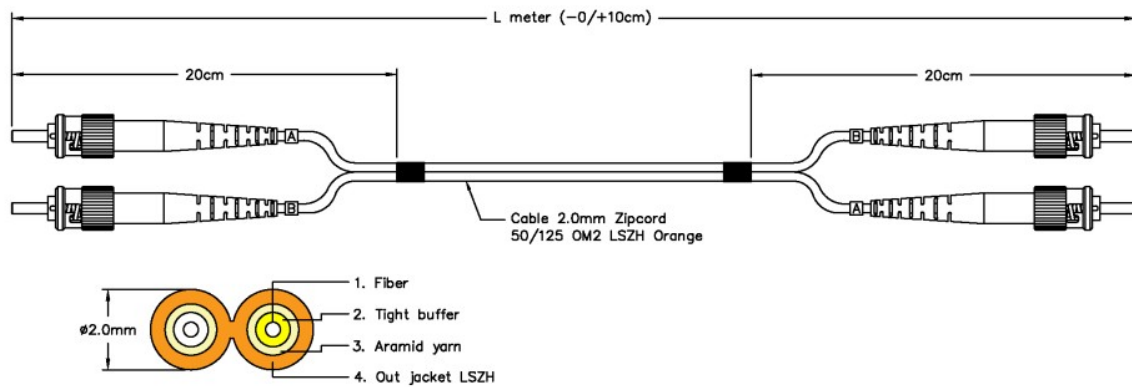
Unit	PCE
Quantity	25
Height (cm)	9
Width (cm)	22
Length(cm)	19
Weight (kg)	0,65
Gross Weight (kg)	0,84



Dimensional Sketches



LinkIT FiberPatch OM2 ST/ST Orange



Specifications			
Connector type:	ST-ST	Insertion loss:	≤0.3dB
Fiber mode:	OM2 50/125	Return loss:	≥35dB
Fiber grade:	G.651.1	Wave length:	850/1300nm
Polish type:	PC	Optimized Data rate:	10Gb/s over 550m / 10Gb/s over 82m
Cable jacket:	LSZH	Durability:	500 matings
Color:	Orange	Operating/storage temp:	-40°C ~ +75°C
Cable diameter:	2mm	Fire properties:	Fire retardant and halogen-free IEC 60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
Minimum bend radius:	20mm	IEC standards:	All CENELEC standards required
Tensile loads:	150N		

