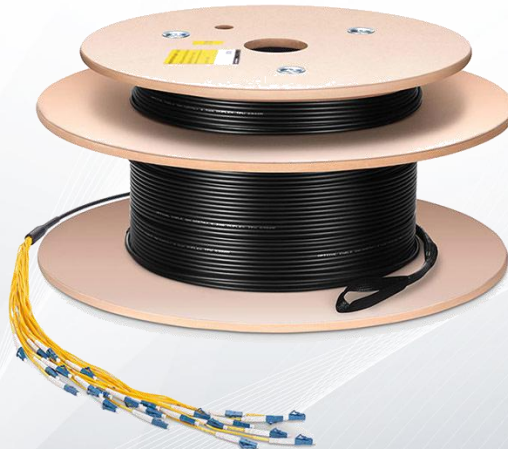


Indoor/Outdoor Multifiber Cables Datasheet

DESIGNED FOR CONNECTING NETWORKS BETWEEN TWO BUILDINGS



Indoor Pre-terminated Multifiber Cables

The indoor/outdoor pre-terminated multifiber cables can be used with 1 to 24 fibers cables. The outer jacket is LSZH, which is UV-resistant and its thickness and hardness are better than standard LSZH outer jacket. Furthermore, the aramid yarn of this cable is water-resistant, which enables the cable to be used indoor or in outdoor underground dry/damp conduit (if not prone to flooding).

Standards Compliance

- ISO9001 and RoHS Compliant

Features

- OS2/OM4/OM3/OM2 are available.
- 1/2/4/6/8/12/16/24 fibers are provided.
- LC/SC/ST/FC/Unterminated connectors are for your choice.
- Apply to indoor and outdoor cabling.
- Factory terminated and tested for insertion loss, return loss and end face.
- Pulling tubes are provided as an option to protect the fiber ends during installation.

Technical Specification

Physical Characteristics	Description
Fiber Count	1/2/4/6/8/12/16/24/ Fibers
Fiber Mode	Single Mode: OS2 9/125μm Multimode: OM2 50/125μm; OM4/OM3 50/125μm
Fiber Brand	YOFC
Fiber Grade	OS2: G.657.A1 OM4/OM3/OM2: Bend Insensitive
Connector Type	LC/SC/ST/FC/Unterminated
Polish Type	SMF: UPC/APC MMF: UPC
Trunk Diameter (mm)	1 Fibers: 4.5 2 Fibers: 4.5±0.3 4 Fibers: 4.8±0.3 6 Fibers: 5.2±0.3 8 Fibers: 5.6±0.3 12 Fibers: 6.2±0.5 16 Fibers: 7.4±0.4 24 Fibers: 7.8±0.5
Breakout Length (m)	0.3 (Cable Length<3m) 0.5 (Cable Length≥3m)
Breakout Leg (mm)	2.0
Cable Jacket	LSZH
Jacket Color	Black
Minimum Bend Radius (mm)	20/10D (Dynamic/Static)
Optical Characteristics	Description
Insertion Loss (dB)	≤0.3
Return Loss (dB)	SMF: UPC≥50, APC≥60 MMF: ≥30
Max. Tension of Pulling Tube (N)	70
Operating Temperature	-20 to 60°C (-4 to 140°F)

Hot Products

ID	Description
#29609	Customized OS2 Indoor/Outdoor Cable, LC/SC/FC/ST, 12 Fiber
#29610	Customized OS2 Indoor/Outdoor Cable, LC/SC/FC/ST, 24 Fiber
#306461	Customized OM4 Indoor/Outdoor Cable, LC/SC/FC/ST/Unterminated, 2 Fiber
#178225	Customized OM3 Indoor/Outdoor Cable, LC/SC/FC/ST, 12 Fiber
#29612	Customized OM2 Indoor/Outdoor Cable, LC/SC/FC/ST, 4 Fiber

Matching Products

ID	Description
#11552	10GBASE-SR SFP+ 850nm 300m DOM Transceiver Module for FS Switches
#11555	10GBASE-LR SFP+ 1310nm 10km DOM Transceiver Module for FS Switches
#35488	12x LC Duplex, 24 Fibers OS2 Single Mode FHD Fiber Adapter Panel
#41998	12x LC Duplex, 24 Fibers OM4 Multimode FHD Fiber Adapter Panel
#35530	24x LC Duplex, 48 Fibers OS2 Single Mode FHU 1U 19" Fiber Patch Panel
#35531	24x LC Duplex, 48 Fibers OM4 Multimode FHU 1U 19" Fiber Patch Panel

Note:

The matching products for indoor/outdoor pre-terminated multifiber cables are shown for reference.