FS

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 2 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 armid 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/OM2 are available.
- 2/4/6/8/12/24 fibers are provided.
- LC/SC/ST/FC 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	2/4/6/8/12/24 Fibers
Fiber Mode	Single Mode: OS2 9/125μm; Multimode: OM2 50/125μm
Fiber Brand	YOFC
Fiber Grade	OS2: G.657.A1; OM2: Bend Insensitive
Connector Type	LC/SC/ST/FC
Polish Type	SMF: UPC/APC; MMF: UPC
Trunk Diameter (mm)	2 Fibers: 5.0; 4 Fibers: 5.0; 6 Fibers: 5.2; 8 Fibers: 5.6; 12 Fibers: 6.2; 24 Fibers: 7.8
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)	245
Operating Temperature	-40 to 70°C

Hot Products

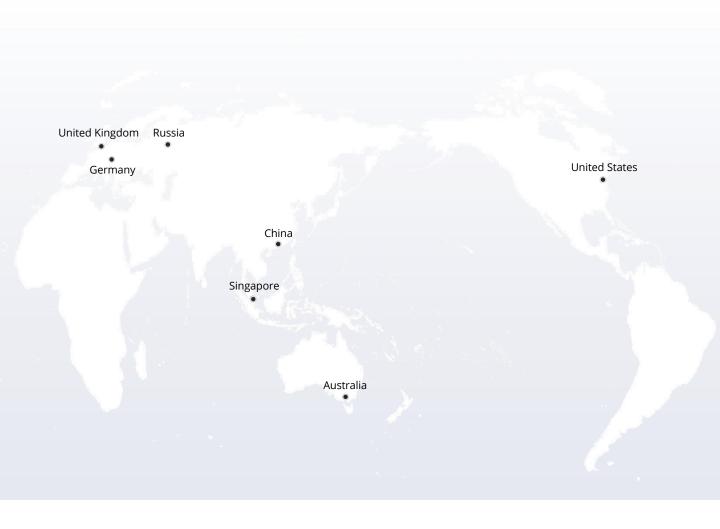| ID	Description
#29609	Customized 12 Fibers Indoor/Outdoor OS2 Assembly, 2.0mm Breakout Cable
#29610	Customized LC/SC/FC/ST 24 Fibers Indoor/Outdoor OS2 Single Mode Assembly, 2.0mm Breakout Cable

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.