

# Indoor/Outdoor 2 Fiber w/ OSP Breakout Cable Assemblies



## Custom Fiber Indoor/Outdoor Assemblies

Fiber Assembly, using a 2 fiber single-mode cable with an Indoor/Outdoor jacket. Uniboot connectors or discreet connectors with OSP Breakouts may be selected. Polarity options: A-B/B-A or A-A/B-B.

### Features

Indoor/Outdoor Trunk designed for both rigorous outdoor conditions and indoor routing. Ideally suited for DAS systems as required by NFPA 72, IFC 510.1 Appendix J, and as may be required by state and municipal fire codes. Assembled in the USA.

### Available Options

Connector Types:

LC Uniboot

- Design allows for reconfigurable polarity.
- Mounted directly onto the cable.
- Adhesive Heat Shrink applied to seal cable to connectors.

LC\*, SC\*, FC, ST

- OSP Furcated Breakout
- Breakout knuckle impact resistant.

Connector Polish: UPC, APC.

Cable Jacket Rating: Plenum (OFNP), Riser (OFNR).

\* Available clipped or unclipped.

### Application

For use in fiber optic network environments that require indoor/outdoor rated ruggedized materials:

- DAS networks in campus, stadium, and other settings.
- LAN/WAN

### Agency / Standard Compliance

#### Cable:

- RoHS/REACH Compliant
- ANSI/TIA 568
- ITU-T G.657.A1
- UL Listed:
  - OFNP- NFPA262 Flame Rating
  - OFNR- UL1666 Flame Rating

#### Connector:

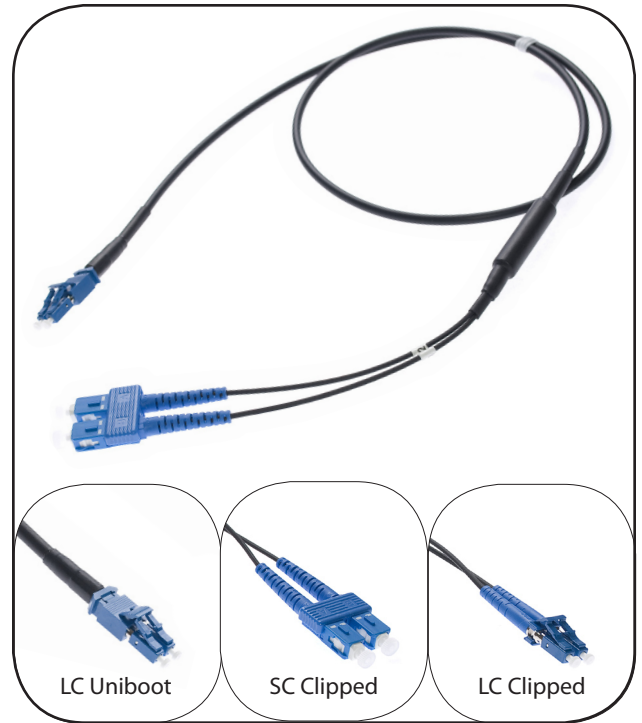
- RoHS/REACH Compliant
- ANSI/TIA 568
- TIA 604
- Telcordia GR-326

### Durability

Cable outer jacket UV resistant.

Water blocking aramid yarn strength members.

Connectors exceed industry standards for mechanical performance, optical performance and reliability.



### Parameter

Operating Temperature  
 Cable Outside Diameter:  
 Cable Bend Radius  
  
 Fiber Type  
  
 Cable Jacket Color:  
 Connection Durability:  
 Cable Retention:  
 Connector Color:

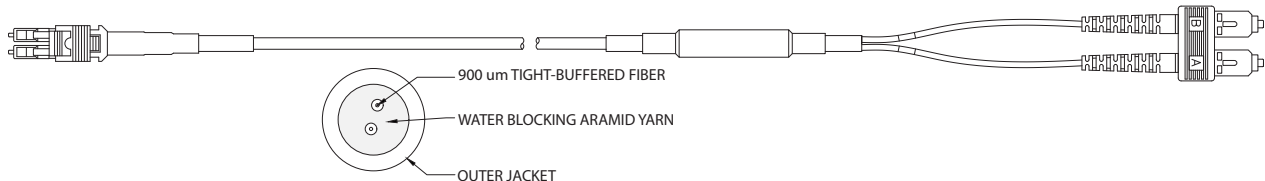
### Specification

-40°C + 70°C (- 40°F + 158°F)  
 4.4 mm (0.17 in)  
 4.4 mm (0.17 in) Operation  
 6.6 mm (0.26 in) Installation  
 Corning® SMF-28® Ultra  
 Bend Insensitive Fiber  
 Black  
 500 matings  
 less than 6.8 kg (15 lbs)  
 Blue Housing (UPC)  
 Green Housing (APC)

### Testing Limits

Wavelength  
 Insertion Loss  
  
 Return Loss

1310 nm  
 0.20 dB Typical  
 0.50 dB Maximum  
 60 dB UPC Typical  
 >=50 dB UPC Minimum  
 68 dB APC Typical  
 >=65 dB APC Minimum



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