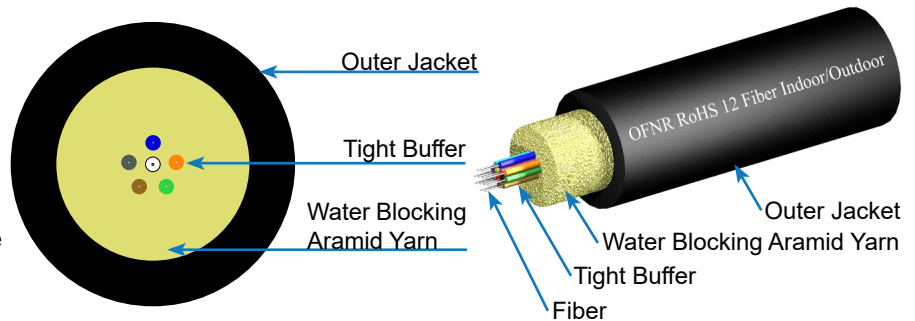


Indoor/Outdoor Cable

Central Tube

Indoor/Outdoor Cable is composed of 2 to 24 colored tight buffers, water blocking aramid yarn, and a UV resistant black PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

Indoor/Outdoor Cable is UL Listed. OFNR/OFNP jackets are available. Standard surface print denotes construction, NEC rating, fiber type, and includes footage markers.



Optical Characteristics

Items	Singlemode	Multimode 62.5 μm	Multimode 50 μm	Multimode OM3 (50 μm)	Multimode OM4 (50 μm)
Wavelength	(1310/1550) nm	(850/1300) nm	(850/1300) nm	(850/1300) nm	(850/1300) nm
Max. Attenuation	(0.5/0.4) dB/km	(3.5/1.5) dB/km	(3.5/1.5) dB/km	(3.5/1.5) dB/km	(3.5/1.5) dB/km
Bandwidth (EMB) (High Performance)	N/A	220 MHz @850nm	850 MHz @850nm	2000 MHz @850nm	4700 MHz @850nm
Link Length (10Gb/ s)	N/A	N/A	150 meters	300 meters	550 meters

Cable Characteristics

Parameter	Value
Fiber Count	2, 4, 6, 8, 12, 24
Outer Jacket Material	Flame Retardant PVC
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC
Tight Buffer Color	Available in 12 TIA/ EIA color standard
Nominal Outer Diameter of 2/4/6/8/12/24 fiber count (mm)	4.40 / 4.80 / 5.30 / 5.80 / 6.30 / 8.10
Weight (lbs/ km) of 2/4/6/8/12/24 fiber count - Riser	34 / 45 / 55 / 70 / 94 / 120
Weight (lbs/ km) of 2/4/6/8/12/24 fiber count - Plenum	40 / 52 / 64 / 87 / 115 / 140
Min Bend Radius, Install of 2/4/6/8/12/24 fiber count (cm)	6.6 / 7.2 / 7.95 / 8.7 / 9.45 / 12.15
Min Bend Radius, Operate of 2/4/6/8/12/24 fiber count (cm)	4.40 / 4.80 / 5.30 / 5.80 / 6.30 / 8.10
Application	Riser or Duct
Riser/Plenum Flame Rating	UL1666/ NFPA262
Storage/Operating Temperature	-40 °C to +70 °C

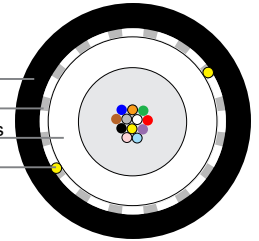


Indoor/Outdoor Cable

Central Tube - Aerial and Duct Applications



Flame Retardant Jacket
Water Blocking Strength Members
Gel-Filled Buffer Tube Containing up to 12 Fibers
Ripcord



Features

Indoor/Outdoor Design

- Provides additional mechanical protection
- Can be installed using typical loose tube cable methods and hardware

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Flexible Buffer Tube

- Superior kink resistance
- Increased flexibility
- Facilitates route management in closure
- Eliminates need for closure transportation tubing

Available in Two Different Flame Ratings

- Riser rated design complies with UL 1666 and is OFNR and OFN-FT4 rated
- Low-Smoke, Zero-Halogen design complies with UL 1685 and is OFN-LS and OFN-FT1 rated

All-Dielectric Construction

- Great for low fiber count applications where armor is not permitted
- Easy access to cable core
- No metallic elements to bond or ground

Performance

- Tested in accordance with Telcordia GR-20, GR-409 and with relevant EIA/TIA-455 series FOTPs for fiber optic cables

Specifications

Parameter	Value
Dynamic Bend Radius	20 x Cable OD
Static Bend Radius	10 x Cable OD
Installation Load Tensile Rating	1800 N (400 lbf)
Residual Load Tensile Rating	540 N (120 lbf)
Operating Temperature Rating	-40 to +70 °C (-40 to +158 °F)
Installation Temperature Rating	-30 to +60 °C (-22 to +140 °F)
Storage/Shipping Temperature Rating	-40 to +75 °C (-40 to +167 °F)
Fiber Count	12
Buffer Tube O.D.	4.1 mm (0.16 in)
Cable O.D.	8.5 mm (0.34 in)
Cable Weight	68 kg/km (46 lbs/kft)