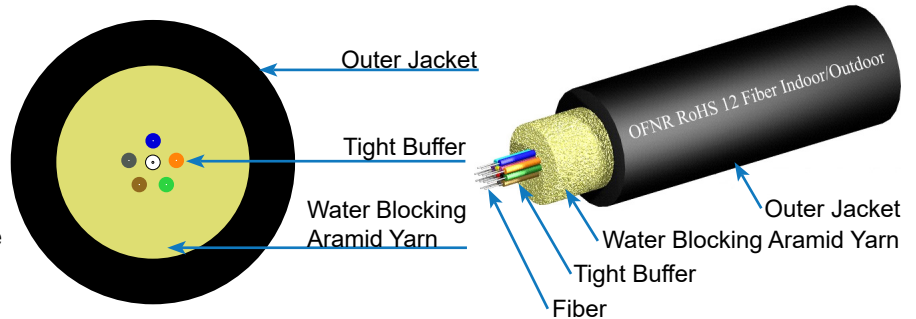


Indoor/Outdoor Cable Riser or Plenum Rated

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

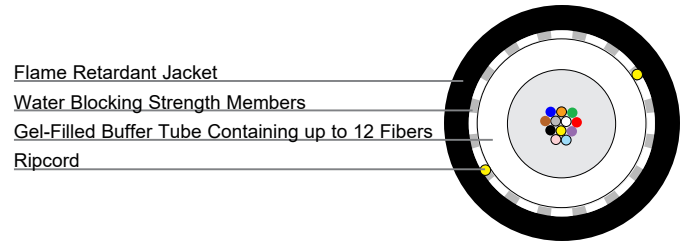
| Items | Singlemode | Multimode 62.5 μm | Multimode 50 μm | Multimode OM3 (50 μm) | Multimode OM4 (50 μm) |
|---|-----------------|----------------------|--------------------|--------------------------|--------------------------|
| Wavelength | (1310/1550) nm | (850/1300) nm | (850/1300) nm | (850/1300) 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 Riser Rated Central Tube



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) |