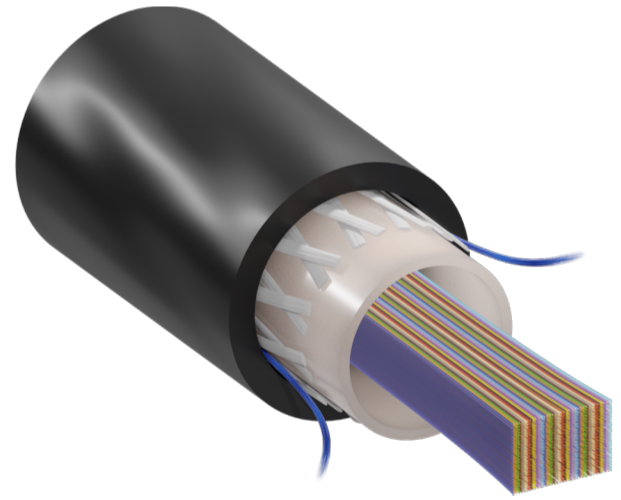


Standard Ribbon Indoor/Outdoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Standard Ribbon Indoor/Outdoor Riser Central Tube Cables feature 250 μm color-coded optical fibers for easy fiber identification, and Sumitomo's exclusive patented easy split and peel technology for easy fiber access, and unprecedented ease of handling and splicing. The 12-fiber ribbons enable connectorization with both MPO and all industry-standard connectors. The non-preferential bend axis allows for easy installation in space-constrained areas. The cables include a dielectric strength member with a flexible, flame-retardant outer jacket in their all-dielectric cable construction that eliminates grounding or bonding. The cable also eliminates the need for installers to switch from an outside plant to a premise cable when transitioning from the outside plant to the inside plant. The cables meet OFNR and CSA FT4 specifications and are available in all fiber types.



BENEFITS

- Color-Coded Fibers for Quick and Easy Identification
- Robust in Indoor and Outdoor Environments
- All Dry Cable Construction Contains No Messy Gels, Thereby Making the installation Faster
- RoHS Compliant

FEATURES

- Patented Peelable Ribbon Matrix Material for Easy Fiber Access
- 12-Fiber Ribbon Groupings for Ease and Compatibility with Multi-Fiber Connectors
- All-Dielectric Cable Construction Requires No Grounding or Bonding
- Flame-Retardant Outer Jacket
- Meets OFNR and CSA FT4 Specifications

QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Standard
Ribbon**

FIBER COUNT

12 - 144

FIBER SIZE

250 μm

| GENERAL | |
|-------------------|-------------------------------|
| Application | Indoor/Outside |
| Jacket Color | Black PE |
| Cable Structure | Central Tube |
| Ribbon Type | Standard Ribbon |
| Metallic Elements | No Bonding/Grounding Required |

| MECHANICAL CHARACTERISTICS | |
|--|----------------------|
| Max. Tensile Load During Installation | 600 lb (2,700 N) |
| Max. Recommended Service Load | 200 lb (890 N) |
| Compression Resistance | 124 lb/in (220 N/cm) |
| Min. Bend Radius (During/After Installation) | 20/10 x Cable OD |

| TEMPERATURE RANGE | |
|--------------------|------------------------------|
| Operation | -40 to +158°F (-40 to +70°C) |
| Storage & Shipping | -40 to +158°F (-40 to +70°C) |
| Installation | +32 to +140°F (-0 to +60°C) |

| STANDARDS & COMPLIANCE | |
|------------------------|--------------------|
| Standards | OFNR, FT-4/UL 1666 |

ORDERING INFORMATION

| FIBER COUNT | NOMINAL CABLE OD | | NOMINAL WEIGHT | | FIBERS PER RIBBON |
|---------------|------------------|------|----------------|-------|-------------------|
| | IN | MM | LB/KFT | KG/KM | |
| 250 µm | | | | | |
| 12 - 48f | 0.61 | 15.5 | 148.0 | 220.0 | 12f |
| 60 - 144f | 0.69 | 17.0 | 155.0 | 230.0 | 12f |

Instructions: Create a part number by using this character set and codes.

SE - 1 RG 2222 - 3

| 1 - FIBER TYPE | | 2 - FIBER COUNT (4-DIGITS) | | 3 - FIBER ATTENUATION GRADES | |
|----------------|---|----------------------------|------------|------------------------------|--|
| 8 | PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber | 0012 | 12 Fibers | B | Standard Single-Mode 0.40/0.30 dB/km (1310/1550 nm) |
| | | 0024 | 24 Fibers | | |
| | | 0048 | 48 Fibers | | |
| | | 0072 | 72 Fibers | | |
| | | 0096 | 96 Fibers | | |
| | | 0144 | 144 Fibers | | |