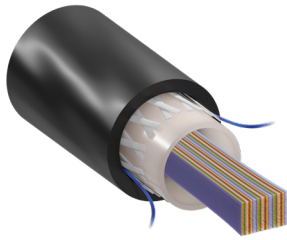


Indoor/Outdoor Riser Ribbon Cables

12-144F



DESCRIPTION

Sumitomo Electric Lightwave's 4th Level™ Indoor-Outdoor Riser Rated Ribbon Cables feature 250µm 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 twelve 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 its all dielectric cable construction that eliminates grounding or bonding. Sumitomo's Indoor-Outdoor Riser Rated Ribbon Cables also eliminate the need for installers to switch from an outside plant to a premise cable when transitioning from the outside plant to inside plant. The cables meet OFNR and CSA FT4 specifications and are available in all fiber types.

FEATURES

- Color-Coded Fibers for Quick and Easy Identification
- 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

- Meets OFNR and CSA FT4 Specifications
- All Dry Cable Construction Contains No Messy Gels, Thereby Making the Installation Faster
- RoHS Compliant

For more information on this cable, or other related products, visit: www.SumitomoElectric.com

SPECIFICATIONS

Property	Specification
Maximum Tensile Load During Installation	600 lbs
Maximum Recommended Service Load	200 lbs
Minimum Bend Radius (During/After Installation)	20/10 x Cable OD
Compression Resistance	220 N/cm (124 lbs/in)
Fire Resistance	OFNR \ CSA FT4
Operation Temperature Range	0 to 70°C (32 to 158°F)

PHYSICAL CHARACTERISTICS

Fiber Count	Max. No. of Tubes	No. Fibers Per Ribbon	Cable Core Diameter (mm) (in.)	Weight (kg/km) (lbs/kft.)	Tube Entry Tool
12 to 48	1	12	15.5 0.61	152 102	UCTS-001
60 to 144	1	12	17.0 0.67	230 155	

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 1 RG4444 - 5



- 1 Fiber Type***
1 = 50µm Multimode Fiber (OM2/3/4) (Only for 12 to 144f Count)
8 = PureAccess G.657.A1 Bend Insensitive Single-mode Fiber
- 4 Fiber Count (4-digits)**
Total number of fibers in the cable (0012 to 0432)
- 5 Fiber Attenuation Grades**
B=Standard Single-mode (0.40/0.30 dB/km (1310/1550 nm))
7 = OM3 Enhanced performance 50µm MM (850/1300nm) 10Gb
8 = OM4 Enhanced performance 50µm MM (850/1300nm) 10Gb