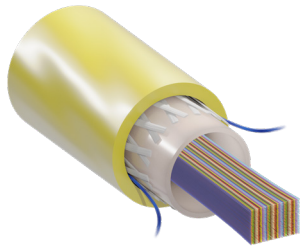


Indoor Riser Ribbon Cables

12-864F



DESCRIPTION

Sumitomo Electric Lightwave's 4th Level™ Indoor Riser Rated Ribbon cables feature a flame retardant outer jacket, 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 ribbon subunits enable easy connectorization with MPO splice-on connectors and ribbon pigtails. These cables are an excellent choice for intra-building connectivity applications

for data center and other network application scenarios.

Flexible dielectric strength members provide mechanical durability within a flame retardant jacket and the non-preferential bend axis allows for easy installation in space-constrained areas. The all-dielectric cable construction requires no grounding or bonding. The Cables meets OFNR and CSA FT4 specifications and are available in all fiber types.

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

FEATURES

- Dry Central Tube Design for Easy Installation; No Mess When Splicing
- Patented Peelable Ribbon Matrix Material For Easy Fiber Access
- 12 Fiber Ribbon Groupings For Ease and Compatibility with Multi-Fiber Connectors
- Color-Coded Optical Fibers for Quick and Easy Identification
- All-Dielectric Cable Construction Requires No Grounding or Bonding
- RoHS Compliant

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)
Testing	OFNR / CSA FT4 Listed
Operation Temperature Range	-20 to 70°C (-4 to 158°F)

PHYSICAL CHARACTERISTICS

Fiber Count	Max. No. of Tubes	No. Fibers Per Ribbon	Cable Outer Diameter (mm) (in.)		Weight (kg/km) (lbs/kft.)		Tube Entry Tool
12 to 96	1	12	13.2	0.52	151	102	UCTS-001
108 to 216	1	12	15.7	0.62	190	128	
288 to 432	1	24	20.5	0.81	313	210	
576 to 864	1	36	25.6	1.01	478	321	

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 1 R P 4444 - 5

1

4

5

1

Fiber Type*

1 = 50µm Multimode Fiber (OM2/3/4)
(Only for 12 to 432F Count)

8 = PureAccess G.657.A1 Bend Insensitive Single-mode Fiber

4

Fiber Count (4-digits)

Total number of fibers in the cable (0012-0864)

5

Fiber Attenuation Grades

B = Standard Single-mode
0.40/0.30 dB/km
(1310/1550 nm)

7 = OM3 Enhanced performance 50µm MM
3.5/1.5 dB/km
(850/1300nm) 10Gb

8 = OM4 Enhanced performance 50µm MM
3.5/1.5 dB/km
(850/1300nm) 10Gb