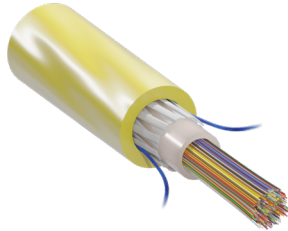


12-288F

Freeform Ribbon® Indoor Plenum Cable



DESCRIPTION

Sumitomo Electric Lightwave's Freeform Ribbon® Indoor Plenum Rated cable features a flame retardant outer jacket and 12 fiber Freeform Ribbon® constructed of 250µm color-coded optical fibers for easy fiber identification. The all-dielectric cable construction requires no grounding or bonding. Additionally, the Freeform Ribbon® allows for dense fiber packing and a small cable diameter with a non-preferential bend axis thereby increasing density in space-constrained applications.

Sumitomo Electric's patented Freeform Ribbon® construction is designed to both pack densely in small form factor cables while still being capable to transform quickly, by hand ONLY, to splice-ready form similar to standard ribbon for fast and easy 12 fiber ribbon splicing (for both in-line and fusion splice-on connector splicing applications). This plenum rated cable meets or exceeds NFPA 262, OFNP listed, and CSA FT-6 approvals and listings.

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
- 12 Fiber Freeform Ribbon® For Ease and Compatibility with Multi-Fiber Connectors
- RoHS Compliant
- Sumitomo Electric PureAccess G.657.A1 Fiber

BENEFITS

- Compatible with SEL's fusion splicers, Splice-On Connectors and Hardware
- Color-Coded Optical Fibers for Quick and Easy Identification
- Ideal for higher density in space-constrained applications

SPECIFICATIONS

Property	Specification
Maximum Tensile Load During Installation	300 lbs
Maximum Recommended Service Load	100 lbs
Minimum Bend Radius (During/After Installation)	20/10 x Cable OD
Compression Resistance	220 N/cm (124 lbs/in)
Testing	OFNP and CSA FT-6 Listed
Operation Temperature Range	0 to 70°C (32 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 48	1	12	10.3 0.41	113.5 76	UCTS-001
60 to 144	1	12	12.0 0.47	135.4 90.7	
156 to 288	1	12	14.4 0.57	149 99.8	

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RUP4444 - B



Fiber Type*

8 = PureAccess -Bend Insensitive [ZWP] Single-mode Fiber



Fiber Count (4-digits)

Total number of fibers in the cable (0012-0288)



Fiber Attenuation Grades

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