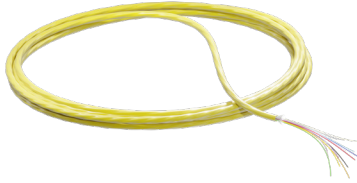


Freeform Ribbon® Indoor Plenum Cord

12 & 24F


DESCRIPTION

Sumitomo Electric Lightwave's Flexible Indoor Plenum Rated Freeform Ribbon™ Cord is designed for maximum fiber density with savings of valuable space in cable trays and patch panels, making them an ideal choice for interconnect applications. The cord features 250 um color-code optical fibers for easy fiber identification for easy fiber access and unprecedented ease of handling and splicing. The twelve fiber ribbon groupings enable easy connectorization with both MPO and all industry standard connectors.

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).

FEATURES

- Color-Coded Optical Fibers for Quick and Easy Identification
- 12-Fiber Grouping for Ease and Compatibility with Multi-Fiber Connectors
- Splice Compatible with Lynx2 Single and MPO Splice-On Connectors
- RoHS Compliant

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

SPECIFICATIONS

Property	Specification
Maximum Tensile Load During Installation	50 lbs
Maximum Recommended Service Load	16 lbs
Minimum Bend Radius (During/After Installation)	100mm/50mm
Compression Resistance	35 N/cm (3.1 lbs/in)
Testing	ICEA 596 / NFPA 262 and FT-6 Listed
Operation Temperature Range	0 to 70°C (32 to 158°F)

PHYSICAL CHARACTERISTICS

Fiber Count	No. Fibers Per Ribbon	Cable Outer Diameter		Weight	
		(mm)	(in.)	(kg/km)	(lbs/kft.)
12	12	2.5	0.10	6.3	4.2
24	12	3.0	0.12	8.5	5.7
48	12	3.8	0.15	11.9	7.9

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 IUP0000- B-12



Fiber Type

8 = PureAccess [BIF A1]
Single-mode Fiber



Fiber Count (4-digits)

Total number of fibers in the cable



Fiber Attenuation Grades

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