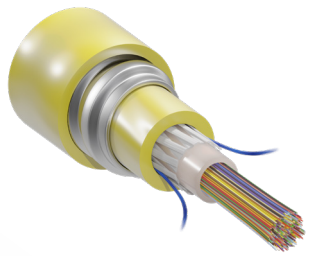
Freeform Ribbon® Indoor Armored RoHS Riser

288F



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

DESCRIPTION

Sumitomo Electric Lightwave's Freeform Ribbon® Indoor Riser Rated cables feature a flame retardant outer jacket and 12 fiber Freeform Ribbon® constructed of 250µm color-coded optical fibers for easy fiber identification. The cable meets UL 1666 and CSA FT4 specifications. 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).

Interlocking armor adds protection against crushing forces. Flexible dielectric strength members within the cable core provide mechanical durability within a flame retardant jacket and the non-preferential bend axis allows for easy installation in space-constrained areas. This riser rated cable meets or exceeds OFCR and CSA FT4 approvals and listings.

FEATURES

- Dry Central Tube Design for Easy Installation; No Mess When Splicing
- 12 Fiber Freeform Ribbon® Groupings 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	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	OFCR / 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 Core Diameter (mm)	Cable Core Diameter (in.)	Armored Cable Outer Diameter (mm)	Armored Cable Outer Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
288	1	12	15.7	0.62	23.0	0.91	375	252	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RLP0288 - B

1 4 5

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

4 Fiber Count (4-digits)
Total number of fibers in the cable (288)

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

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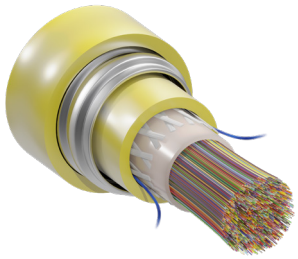
1728F



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1728	1	12	25.6	1.03	38.4	1.51	1003	674	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RLP1728 - B

1 4 5

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

4 Fiber Count (4-digits)
Total number of fibers in the cable (1728)

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