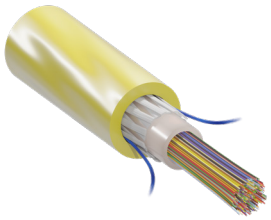
Freeform Ribbon® Indoor RoHS Riser

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 all-dielectric cable construction requires no grounding or bonding and meets OFNR 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).

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	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)	Cable Outer Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
288	1	12	15.7	0.62	297	200	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RPP0288 - B

1 4 5

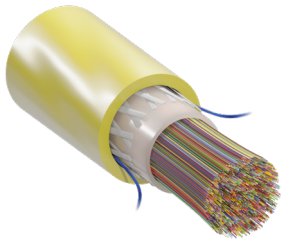
1 Fiber Type*
8 = PureAccess -Bend Insensitive [ZWP] Single-mode Fiber

4 Fiber Count (4-digits)
Total number of fibers in the cable (0288)

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

Freeform Ribbon® Indoor RoHS Riser

576F



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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)	Cable Outer Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
576	1	12	21.5	0.85	334	224	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RPP0576 - B

1 4 5

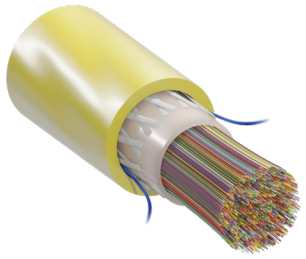
1 Fiber Type*
8 = PureAccess -Bend Insensitive [ZWP] Single-mode Fiber

4 Fiber Count (4-digits)
Total number of fibers in the cable (576)

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

Freeform Ribbon® Indoor RoHS Riser

1728F



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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	Ribbons Per Bundle	No. of Ribbon Bundles	Cable Outer Diameter (mm)	Cable Outer Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
1728	1	12	6	24	25.6	1.01	516	347	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 RPP1728 - B

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)