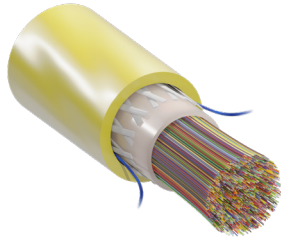


## Freeform Ribbon® Flexible Indoor Riser

**72 - 288F**


### DESCRIPTION

Sumitomo Electric Lightwave's Freeform Ribbon® Indoor Flexible 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).

For more information on this cable, or other related products, visit:

[www.SumitomoElectric.com](http://www.SumitomoElectric.com)

### 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	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	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) (in.)		Weight (kg/km) (lbs/kft.)		Tube Entry Tool
72	1	12	6	1	10.1	0.4	97.2	65.1	UCTS-001
144	1	12	6	2	10.1	0.4	104	70	
288	1	12	6	4	13.5	0.53	153	103	

### ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

# SE - 8 RXP4444 - 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

**5**

#### Fiber Attenuation Grades

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