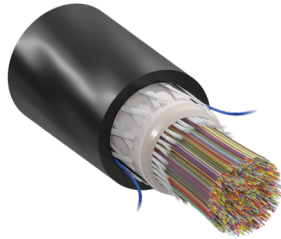


## Freeform Ribbon® Indoor/Outdoor OFNR Low Smoke Halogen Free

**864F**


### Description

Sumitomo Electric Lightwave's 4th Level™ Outdoor/Indoor OFNR Low Smoke Halogen-Free cables feature a flame retardant outer jacket and 12 fiber Pliable Ribbons 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 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). The cable also meets Construction Product Regulations (CPR) with a Class C rating for European markets.

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 Ribbon Groupings For Ease and Compatibility with Multi-Fiber Connectors
- 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
- Pliable Ribbon allows for higher density in space-constrained applications
- Complies with current European market CPR Class Cca requirement

### 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 / UL 1685-LS Compliant / CPR Cca
Operation Temperature Range	-40 to 70°C (-40 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
864	1	12	6	12	21.8 0.86	431 290	UCTS-001

### ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

# SE - 8 RJP0864 - B



#### Fiber Type\*

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



#### Fiber Count (4-digits)

Total number of fibers in the cable (0864)



#### Fiber Attenuation Grades

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