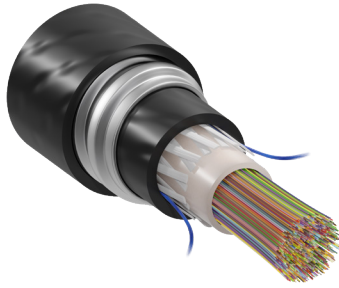


Freeform Ribbon® Armored Outdoor/ Indoor OFCR Low Smoke Halogen Free



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

DESCRIPTION

Sumitomo Electric Lightwave's 4th Level™ Outdoor/Indoor OFCR LSHF cables feature a flame retardant outer jacket and 12 fiber Pliable Ribbons constructed of 250µm color-coded optical fibers for easy fiber identification. Interlocking armor adds protection against crushing forces. Additionally, the Freeform Ribbon® allows for dense fiber packing and a small cable diameter with a non-preferential bend axis thereby increasing density in spaceconstrained 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). This cable is designed for areas that require Low Smoke and Zero Halogen such as Subways systems and Tunnels.

FEATURES

- Dry Central Tube Design for Easy Installation; No Mess When Splicing
- 12 Fiber Freeform Ribbon® For Ease and Compatibility with Multi-Fiber Connectors
- RoHS Compliant
- Sumitomo Electric PureAccess G.657.A1 Fiber
- Cable is designed to be mechanically deterrent to rodents*

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	ICEA 696 / RoHS / FT4-UL1666 / UL1685-LS / NFPA 130 / NFPA 502
Operation Temperature Range	-40 to 70°C (32 to 158°F)

PHYSICAL CHARACTERISTICS

Fiber Count	Max. No. of Tubes	No. Fibers Per Ribbon	Cable Core Diameter		Armored Cable Outer		Weight	
			(mm)	(in.)	(mm)	(in.)	(kg/km)	(lbs/kft.)
12-48	1	12	11.3	0.44	22.2	0.87	366	245
288	1	12	17.0	0.67	25.6	1.01	525	352
1152 - 1728	1	12	28.6	1.13	37.6	1.48	1125	754

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

288F, 1152F - 1728F:

SE - 8 RAP0000 - B

12F-48F:

SE - 8 RAP0000 - B - 12



1 Fiber Type*

8 = PureAccess A1
-Bend Insensitive [ZWP]
Single-mode Fiber



4 Fiber Count (4-digits)

Total number of fibers in the cable (Ex: 0048)



5 Fiber Attenuation Grades

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