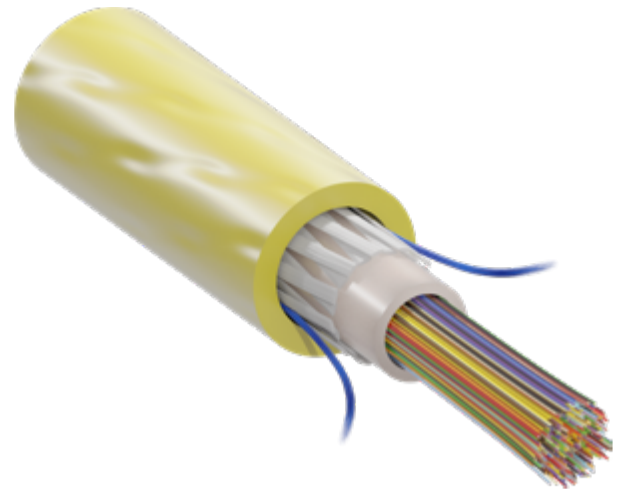


Freeform Ribbon® Outdoor/Indoor Plenum Cable

Sumitomo Electric Lightwave's Freeform Ribbon® Outdoor/Indoor Plenum cable features a flame retardant outer jacket and 12 fiber Freeform Ribbon® constructed of 250µm color-coded optical fibers for easy fiber identification. The cable meets NFPA 262 and CSA FT6 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).

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.



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

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

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	OFNP / CSA FT6 Listed / ICEA 596
Operation Temperature Range	-40 to 70°C (-40 to 158°F)

ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CENTRAL TUBE OD		NOMINAL CENTRAL TUBE OD		NOMINAL WEIGHT		FIBERS PER BUNDLE	NO. OF BUNDLES
		IN	MM	IN	MM	LB/KFT	KG/KM		
SE-8RYP0144-B	144	0.34	8.6	0.56	14.3	141	210	72	2

