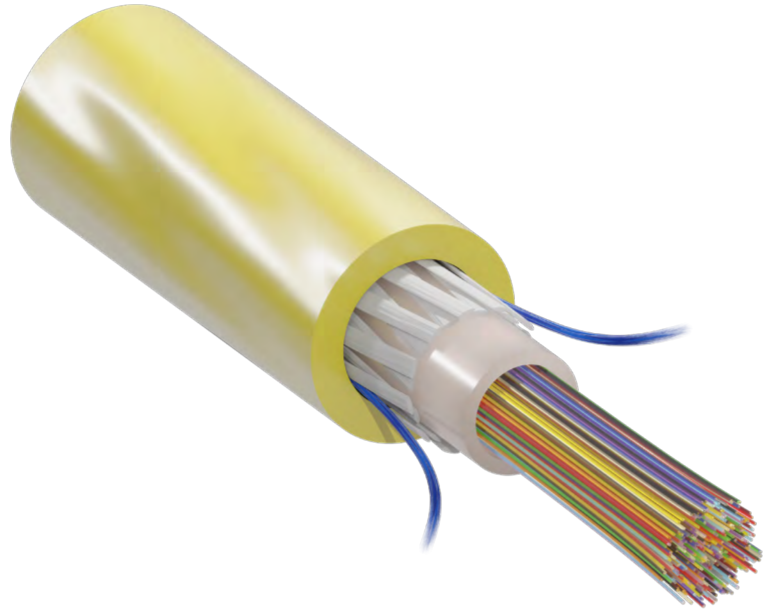


# Freeform Ribbon® Flexible Indoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Freeform Ribbon® Flexible Indoor Riser Central Tube Cables feature a flame retardant outer jacket, a flexible design for easier maneuvering, and the patented 12 fiber pliable Freeform Ribbon® constructed of 250 or 200 µm color-coded optical fibers. Freeform Ribbon® enables high fiber density within a small cable diameter which minimizes duct space requirements. The twelve fiber ribbons may be spliced to a conventional ribbon, pliable ribbon, or non-ribbonized (single) fibers, as well as connectorization with both MPO and all industry standard connectors. The non-preferential bend axis allows for easy installation in space-constrained areas.



## FEATURES

- Patented Pliable Freeform Ribbon® Color-Coded Optical Fibers
- Sumitomo Electric PureAccess® Bend Insensitive Single Mode Fiber G.657.A1
- Gel Free Water Blocking Tape & Yarn
- Dry Central Tube for Easy Installation
- Riser Rated Flame Resistance

## BENEFITS

- Quick and Easy Fiber Identification
- Robust in Indoor Environments
- High Fiber Density Maximizes Duct Space
- Compatible with Mass and Single Fiber Fusion Splicers, Splice-On Connectors & Hardware
- Allows for Easier Maneuvering Compared to Traditional Cables

## QUICK SPECS

**Central Tube**  
CABLE STRUCTURE

**Freeform Ribbon®**  
RIBBON TYPE

**72 - 288**  
FIBER COUNT

**250, 200µm**  
FIBER SIZE

GENERAL	
Application	Indoor
Jacket Color	Yellow
Cable Structure	Central Tube
Ribbon Type	Freeform Ribbon®

FIBER	
Fiber Type	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber
Fiber Attenuation Grades	Standard Single-Mode
Attenuation	1310 nm   0.40 dB/km
	1550 nm   0.30 dB/km

BEND RADIUS	
During Installation	20 x Cable OD
After Installation	10 x Cable OD

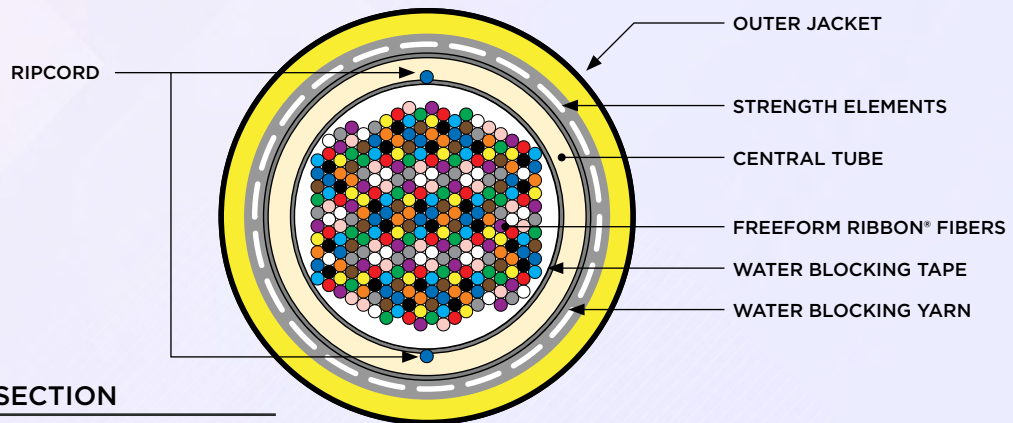
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	150 lb (660 N)
Max. Recommended Service Load	45 lb (200 N)
Compression Resistance	125 lb/in (220 N/cm)

TEMPERATURE RANGE	
Operation	+32 to +158°F (0 to +70°C)
Storage & Shipping	-40 to +158°F (-40 to +70°C)
Installation	+32 to +140°F (0 to +60°C)

STANDARDS & COMPLIANCE	
Standards	OFNR, FT4
Regularity Compliance & Certifications	RoHS, REACH, Conflict Minerals, Proposition 65

### ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CENTRAL TUBE OD		NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	NO. OF BUNDLES
		IN	MM	IN	MM	IN	MM		
<b>250 µm</b>									
SE-8RXP0072-B	72f	0.24	6.0	0.41	10.4	64.4	95.8	72f	1
SE-8RXP0144-B	144f	0.24	6.0	0.41	10.4	68.9	102.6	72f	2
SE-8RXP0288-B	288f	0.35	8.8	0.57	14.4	134.5	200.1	72f	4
<b>200 µm</b>									
SE-8RXT0072-B	72f	0.24	6.0	0.41	10.4	62.8	93.4	72f	1
SE-8RXT0144-B	144f	0.24	6.0	0.41	10.4	65.7	97.8	72f	2
SE-8RXT0288-B	288f	0.35	8.8	0.57	14.4	128.0	190.5	72f	4



### CROSS SECTION

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For more information, visit [www.SumitomoElectricLightwave.com](http://www.SumitomoElectricLightwave.com)