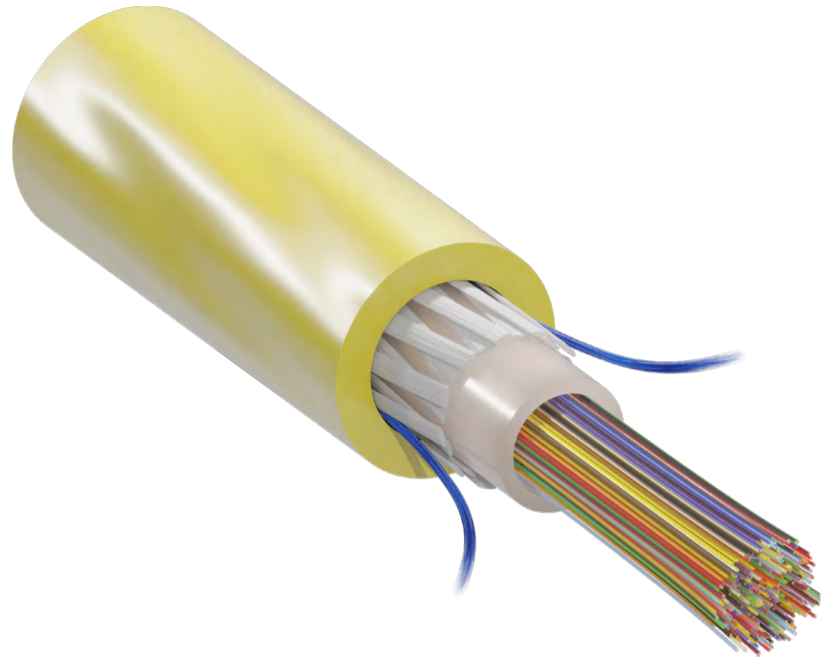


# Freeform Ribbon® Indoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Freeform Ribbon® Indoor Riser Central Tube Cables feature a flame-retardant outer jacket, 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 12-fiber ribbons may be spliced to conventional ribbon, pliable ribbon, or non-ribbonized (single) fibers, as well as connectorized 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 Lightwave's PureAccess® Bend-Insensitive Single-Mode Fiber G.657.A1
- Gel Free
- 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
- Armor Adds Additional Protection

## QUICK SPECS

<b>Central Tube</b>	<b>Freeform Ribbon®</b>	<b>288 - 1,728</b>	<b>250, 200 μm</b>
CABLE STRUCTURE	RIBBON TYPE	FIBER COUNT	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

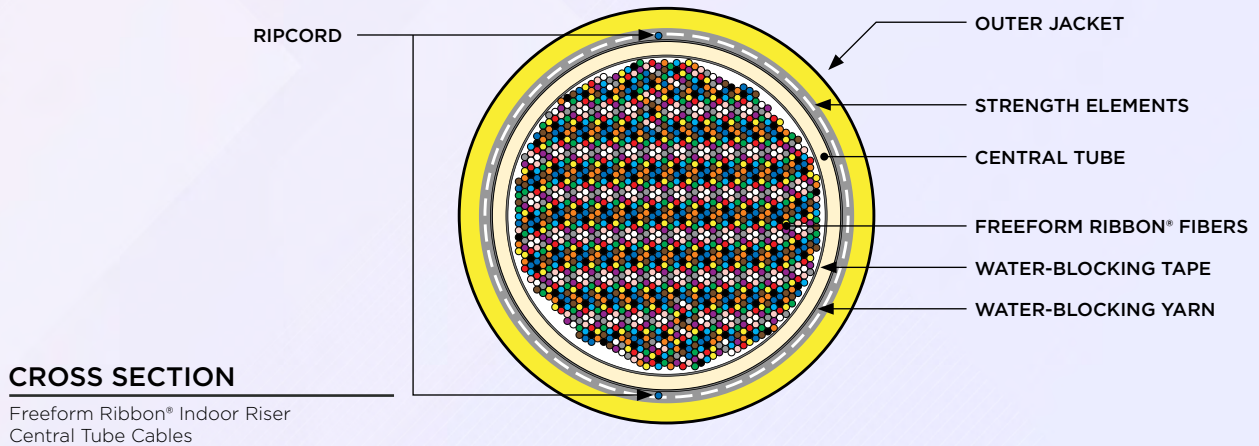
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	300 lb (1,335 N)
Max. Recommended Service Load	90 lb (40.8 kg)
Compression Resistance	125 lb/in (220 N/cm)

TEMPERATURE RANGE	
Operation	-4 to +158°F (-20 to +70°C)
Storage & Shipping	-40 to +158°F (-40 to +70°C)
Installation	+14 to +140°F (-10 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	LB/KFT	KG/KM		
<b>250 µm</b>									
SE-8RPP0288-B	288f	0.41	10.3	0.62	15.7	131.2	196.2	72f	4
SE-8RPP0576-B	576f	0.58	14.8	0.85	21.7	224.3	333.9	72f	8
SE-8RPP1728-B	1,728f	0.73	18.6	1.01	25.6	318.6	474.1	72f	24
<b>200 µm</b>									
SE-8RPT0288-B	288f	0.31	8.0	0.55	14.0	113.4	168.8	72f	4
SE-8RPT1728-B	1,728f	0.66	16.8	0.97	24.7	257.0	382.4	72f	24



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