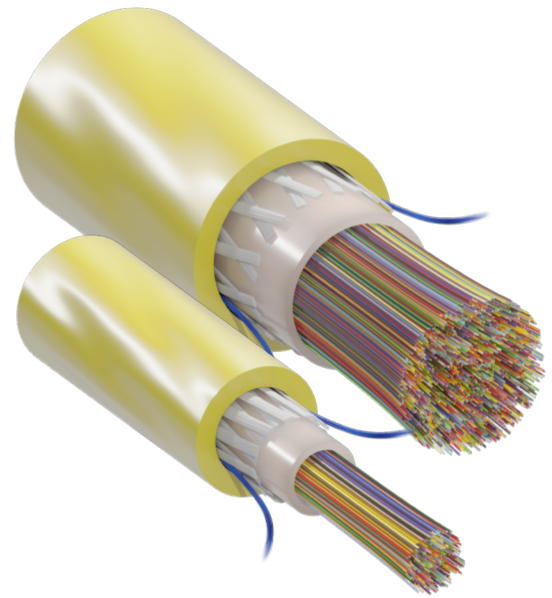


Freeform Ribbon™ Indoor Riser Central Tube Cables

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.



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

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

QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Freeform
Ribbon™**

FIBER COUNT

288 - 1,728

FIBER SIZE

**250,
200 μm**

To learn more information visit www.SumitomoElectricLightwave.com

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

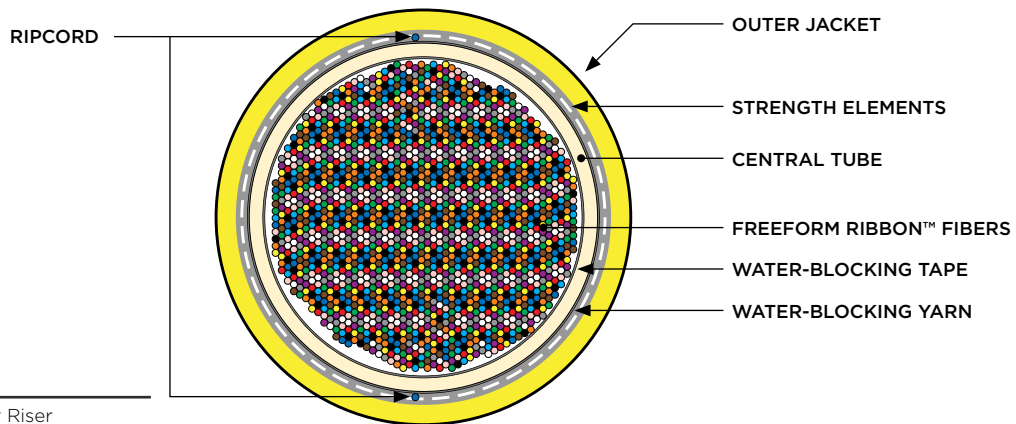
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	600 lb (2,700 N)
Max. Recommended Service Load	200 lb (890 N)
Compression Resistance	125 lb/in (220 N/cm)

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	
Standards	OFNR, FT4

ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	NO. OF BUNDLES
		IN	MM	LB/KFT	KG/KM		
250 µm							
SE-8RPP0288-B	288f	0.62	15.7	200.0	297.0	12f	4
SE-8RPP0576-B	576f	0.85	21.5	224.0	334.0	12f	8
SE-8RPP1728-B	1,728f	1.01	25.6	319.0	475.0	12f	24
200 µm							
SE-8RPT0288-B	288f	0.55	14.0	115.0	171.0	12f	4
SE-8RPT1728-B	1,728f	0.97	24.7	261.0	389.0	12f	24



CROSS SECTION

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