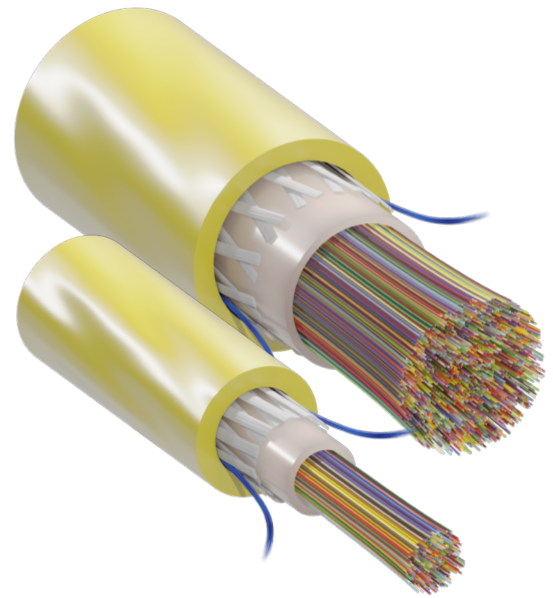


Freeform Ribbon™ Indoor Riser Central Tube Cables

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

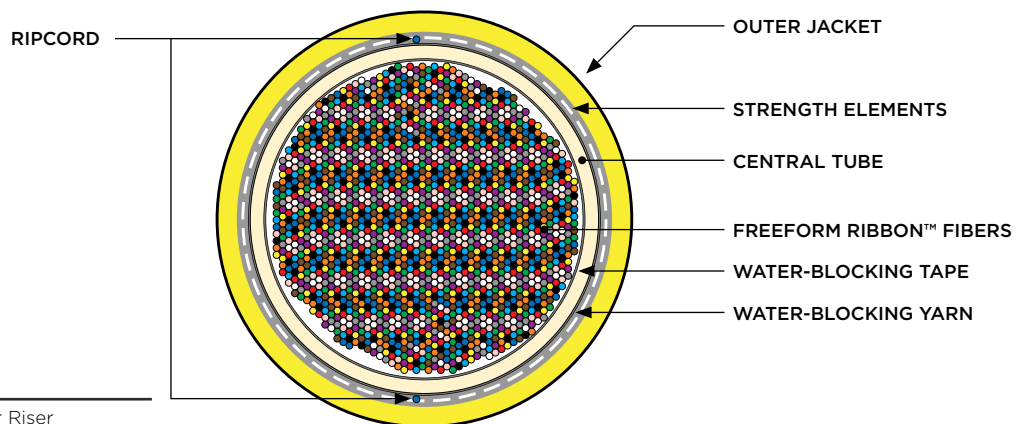
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	600 lb (2,700 N)
Max. Recommended Service Load	200 lb (890 N)
Compression Resistance	125 lb/in (220 N/cm)

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

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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