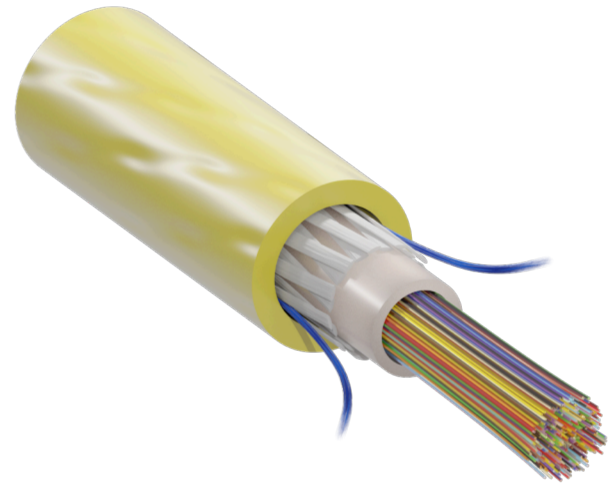


Freeform Ribbon™ Indoor Plenum Central Tube Cables

Sumitomo Electric Lightwave's (SEL) Freeform Ribbon™ Indoor Plenum Central Tube Cables features 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 in turn helps with limited duct space. The 12-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.



BENEFITS

- Color-Coded Optical Fibers for Quick and Easy Identification
- Robust in Indoor Environments
- High Fiber Density Maximizes Duct Space
- Pliable Ribbon Allows For Higher Density In Space-Constrained Applications
- Compatible With Mass- & Single-Fiber Fusion Splicers, Splice-On Connectors, and Hardware

FEATURES

- Patented Pliable Freeform Ribbon™ Color-Coded Optical Fibers
- PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber
- Gel-Free
- Dry Central Tube for Easy Installation
- Plenum-Rated Flame-Resistance

QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Freeform
Ribbon™**

FIBER COUNT

12f - 288f

FIBER SIZE

**250;
200 μm**

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

BEND RADIUS	
During Installation (Dynamic)	20 x Cable OD
After Installation (Static)	10 x Cable OD

MECHANICAL CHARACTERISTICS	
Max. Tensile Load (During Installation)	300 lb (1,340 N)
Max. Recommended Service Load	100 lb (450 N)
Max. Compression Resistance	125 lb/in (220 N/cm)

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

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)

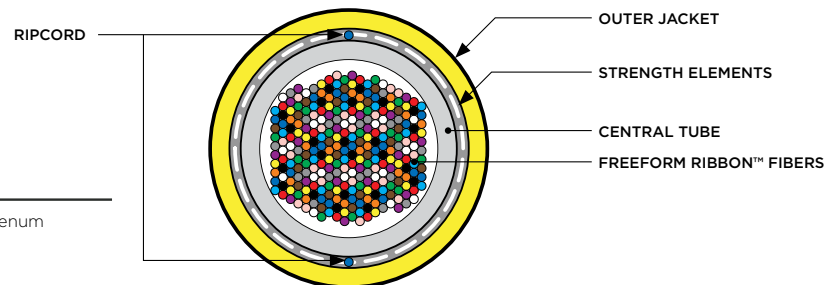
STANDARDS & COMPLIANCE	
Standards	OFNP
Regulatory Compliance	RoHS, REACH, Conflict Minerals, Proposition 65

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-8RUP0012-B-12	12f	0.41	10.3	85.5	127.6	12f	N/A
SE-8RUP0024-B-12	24f	0.41	10.3	86.5	128.8	12f	N/A
SE-8RUP0048-B-12	48f	0.41	10.3	88.0	131.0	12f	N/A
SE-8RUP0072-B	72f	0.43	11.0	90.9	135.3	12f	1
SE-8RUP0096-B-12	96f	0.43	11.0	92.4	137.5	12f	N/A
SE-8RUP0144-B-12	144f	0.47	12.0	102.7	152.9	12f	N/A
SE-8RUP0192-B-12	192f	0.46	11.7	98.4	146.4	12f	N/A
SE-8RUP0288-B	288f	0.57	14.4	134.2	199.7	12f	4
200 µm							
SE-8RUT0012-B-12	12f	0.41	10.3	85.5	127.2	12f	N/A
SE-8RUT0024-B-12	24f	0.41	10.3	86.0	128.0	12f	N/A
SE-8RUT0048-B-12	48f	0.41	10.3	87.0	129.4	12f	N/A
SE-8RUT0072-B	72f	0.43	11.0	89.3	132.9	12f	1
SE-8RUT0096-B-12	96f	0.43	11.0	90.2	134.3	12f	N/A
SE-8RUT0144-B-12	144f	0.47	12.0	99.5	148.1	12f	N/A
SE-8RUT0192-B-12	192f	0.57	14.4	123.8	184.2	12f	N/A
SE-8RUT0288-B	288f	0.57	14.4	129.1	190.0	12f	4

CROSS SECTION

Freeform Ribbon™ Indoor Plenum Central Tube Cables



To learn more information visit www.SumitomoElectricLightwave.com