

Standard Ribbon Indoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Standard Ribbon Indoor Riser Central Tube Cables feature a flame-retardant outer jacket, 250µm color-coded optical fibers for easy fiber identification, and Sumitomo's exclusive patented easy split and peel technology for easy fiber access and unprecedented ease of handling and splicing. The 12-fiber ribbon subunits enable easy connectorization with MPO splice-on connectors and ribbon pigtails. These cables are an excellent choice for intra-building connectivity applications for data centers and other network application scenarios.

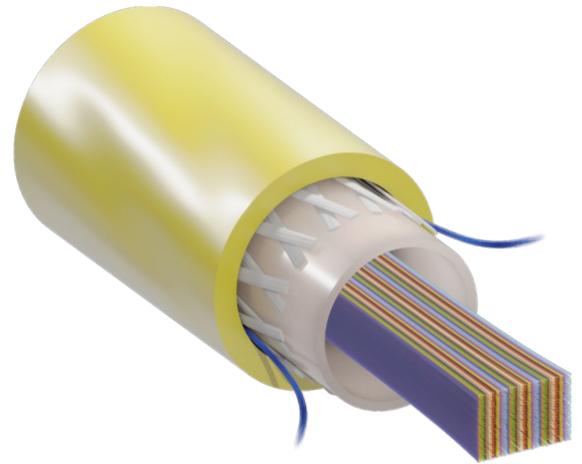
Flexible dielectric strength members provide mechanical durability within a flame-retardant jacket, and the non-preferential bend axis allows for easy installation in space-constrained areas. The all-dielectric cable construction requires no grounding or bonding. The cables meet OFNR and CSA FT4 specifications and are available in all fiber types.

BENEFITS

- All Dry Cable Construction Contains No Messy Gel, Thereby Making the Installation Faster
- Superior Flexible Design for Indoor Routing
- RoHS Compliant

FEATURES

- Patented Peelable Ribbon Matrix Material for Easy Fiber Access
- 12-Fiber Ribbon Groupings for Ease and Compatibility with Multi-Fiber Connectors
- All-Dielectric Cable Construction Requires No Grounding or Bonding
- Flame-Retardant Outer Jacket
- Meets OFNR and CSA FT4 Specifications



QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Standard
Ribbon**

FIBER COUNT

12 - 864

FIBER SIZE

250 µm

GENERAL	
Application	Indoor
Cable Structure	Central Tube
Ribbon Type	Standard Ribbon
Metallic Elements	No Bonding/Grounding Required

TEMPERATURE RANGE	
Operation	-4 to +158°F (-20 to +70°C)
Storage & Shipping	+14 to +140°F (-10 to +60°C)
Installation	-40 to +158°F (-40 to +70°C)

MECHANICAL CHARACTERISTICS	
Max. Tensile Load (During Installation)	600 lb (2,670 N)
Max. Recommended Service Load	200 lb (890 N)
Max. Compression Resistance	124 lb/in (220 N/cm)

BEND RADIUS	
During Installation (Dynamic)	20 x Cable O.D.
After Installation (Static)	10 x Cable O.D.

STANDARDS	
Standards	OFNR, FT4/UL 1666

ORDERING INFORMATION

FIBER COUNT	NOMINAL CABLE O.D.		NOMINAL WEIGHT		FIBERS PER RIBBON
	IN	MM	LB/KFT	KG/KM	
250 µm					
12 – 96f	0.52	13.2	102.0	151.0	12f
108 – 216f	0.62	15.7	128.0	190.0	12f
288 – 432f	0.81	20.5	203.0	302.0	24f
576 – 864f	1.01	25.6	319.0	474.0	36f

Instructions: Create a part number by using this character set and codes.

SE - 1 RP 2222 - 3

1 - FIBER TYPE		2 - FIBER COUNT (4-DIGITS)		3 - FIBER ATTENUATION GRADES	
1	50µm Multi-Mode Fiber (OM3/OM4, 12-432f Only)	0012	12f	B	Standard Single-Mode 0.40/0.30 dB/km (1310/1550 nm)
		0024	24f		
2	50µm Multi-Mode Fiber (OM1, 12-432f Only)	0048	48f	7	OM3 Enhanced Performance 50µm MM (850/1300 nm) 10Gb
		0072	72f		
8	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber	0096	96f	8	OM4 Enhanced Performance 50µm MM (850/1300 nm) 10Gb
		0144	144f		
		0288	288f		
		0432	432f		
9	62.5µm MM (850/1300 nm) 10Gb	0576	576f	9	OM1 Enhanced Performance 62.5µm MM (850/1300 nm) 10Gb
		0864	864f		