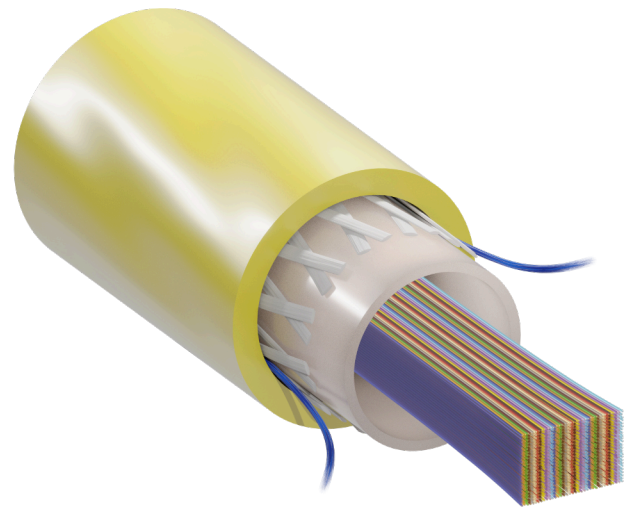


Standard Ribbon Indoor Riser Central Tube Cables



Sumitomo Electric Lightwave's Standard Ribbon Indoor Riser Central Tube Cables feature a flame-retardant outer jacket, 250 μm color-coded optical fibers for easy fiber identification, and Sumitomo's exclusive patented easy split-and-peel technology for easier 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 member 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

To learn more information visit www.SumitomoElectricLightwave.com

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

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)

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)

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

STANDARDS	
Standards	OFNR, FT4/UL 1666

ORDERING INFORMATION

FIBER COUNT	NOMINAL CABLE OD		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	210.0	313.0	24f
576 - 864f	1.01	25.6	321.0	478.0	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		
8	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber	0048	48f	7	OM3 Enhanced Performance 50μm MM (850/1300 nm) 10Gb
		0072	72f		
		0096	96f		
		0144	144f		
		0288	288f		
		0432	432f		
0576	576f	8	OM4 Enhanced Performance 50μm MM (850/1300 nm) 10Gb		
0864	864f				