

Standard Ribbon Interlocking Armored Indoor Plenum Central Tube Cables

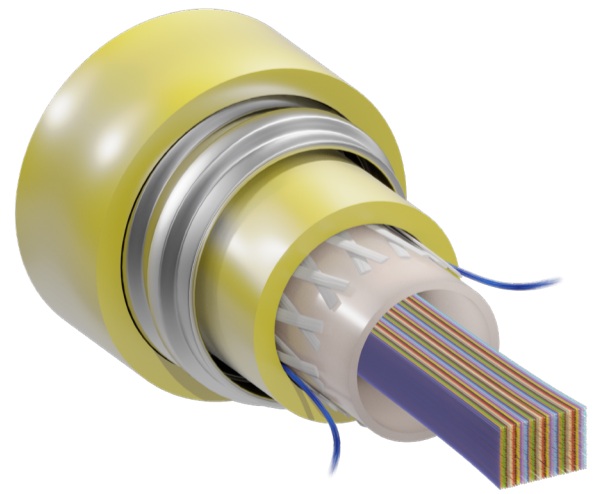
Sumitomo Electric Lightwave's Standard Ribbon Interlocking Armored Indoor Plenum Central Tube Cables, featuring a fiber count of up to 432 fibers, are ideal for high-density networks and save valuable duct space in the building. The cable features 250 μm color-coded optical fibers for easy fiber identification and Sumitomo Electric's patented Easy Split and Peel technology for easy fiber access and unprecedented ease of handling and splicing. The 12-ribbon groupings enable easy connectorization with both MPO and industry-standard connectors. The cables also feature interlocking armor, providing protection against crushing forces. Flexible dielectric strength members within the cable core provide mechanical durability within a flame-retardant jacket, and the non-preferential bend axis allows for easy installation in space-constrained areas. These plenum-rated cables meet or exceed OFCP and CSA FT-6 approvals and listings.

BENEFITS

- Quick And Easy Fiber Identification
- Compatible With Mass And Single Fiber Fusion Splicers, Splice-On Connectors & Hardware
- Armor Adds Additional Protection

FEATURES

- Color-Coded Optical Fibers for Quick and Easy Identification
- 432 Fibers for High-Density Applications
- Flame-Retardant, Halogen-Free, And UV-Resistant Outer Jacket
- Dry Central Tube for Easy Installation
- RoHS Compliant



QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Standard
Ribbon**

FIBER COUNT

12 - 432

FIBER SIZE

250 μm

GENERAL	
Application	Indoor
Cable Structure	Central Tube
Ribbon Type	Standard Ribbon
Metallic Elements	Bonding/Grounding Required

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)

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

STANDARDS & COMPLIANCE	
Standards	OFNR, FT-6/NFPA 262, OFCP UL, ICEA 596
Regularity Compliance	Referencing Telecordia-GR 20

ORDERING INFORMATION

FIBER COUNT	NOMINAL CABLE OD		NOMINAL CABLE ARMOR OD		NOMINAL WEIGHT		FIBERS PER RIBBON
	IN	MM	IN	MM	LB/KFT	KG/KM	
250 µm							
12 - 96f	0.41	10.5	0.68	17.3	199.0	298.0	12f
108 - 216f	0.55	14.0	0.83	21.0	267.0	398.0	12f
108 - 216f	0.65	16.6	0.87	22.0	295.0	439.0	12f
288 - 432f	0.85	21.6	1.15	29.3	441.0	656.0	24f

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

SE - 1 RH 2222 - 3

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

To learn more information visit www.SumitomoElectricLightwave.com