

Standard Ribbon Interlocking Armored Indoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Standard Ribbon Interlocking Armored 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 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.

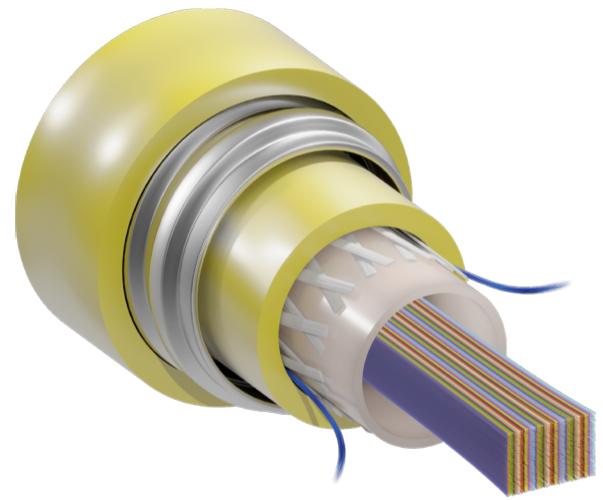
Flexible dielectric strength members provide mechanical durability within a flame-retardant jacket, and the non-preferential bend axis allows for easy installation in space-constrained areas. The cable also features interlocking armor, adding protection against crushing forces. The cables meet OFCR and CSA FT4 specifications and are available in all fiber types.

BENEFITS

- Quick And Easy Fiber Identification
- Robust In Indoor Environments
- Armored Adds Additional Protection
- Central Tube Provides Easy Mid-Span Access

FEATURES

- Dry Central Tube Design for Easy Installation; No Mess When Splicing
- Patented Peelable Ribbon Matrix Material for Easy Fiber Access
- 12 Fiber Ribbon Groupings for Ease and Compatibility with Multi-Fiber Connectors
- RoHS Compliant



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	Bonding/Grounding Required

TEMPERATURE RANGE	
Operation	-4 to +158°F (-20 to +70°C)
Storage & Shipping	-40 to +149°F (-40 to +65°C)
Installation	-4 to +158°F (-20 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/After Installation	20/10 x Cable OD

STANDARDS	
Standards	OFCR, FT4

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	0.52	13.2	0.91	23.0	265.3	396.0	12f
108 - 216f	0.62	15.7	0.94	25.0	308.2	460.0	12f
288 - 432f	0.81	20.5	1.16	29.4	375.2	560.0	24f
576 - 864f	1.03	26.1	1.51	38.4	674.0	1,003.0	36f

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

SE - 1 RL 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 (850/1300nm) 10Gb
		0072	72f		
		0096	96f		
		0144	144f	8	OM4 Enhanced Performance 50µm MM (850/1300nm) 10Gb
		0288	288f		
		0432	432f		
0576	576f				
0864	864f				