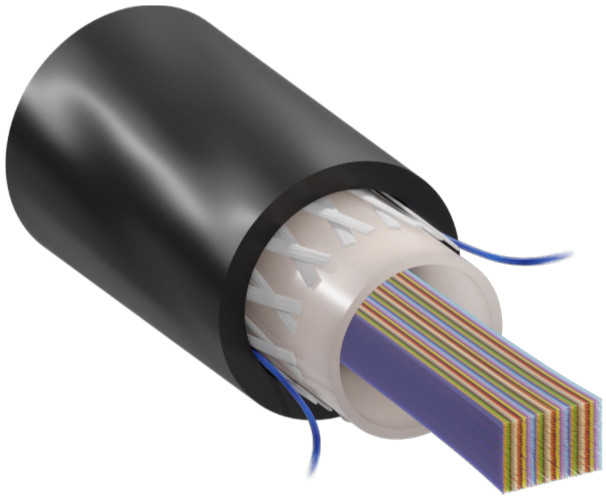
Standard Ribbon Indoor/Outdoor Riser Central Tube Cables



Sumitomo Electric Lightwave's Standard Ribbon Indoor/Outdoor Riser Central Tube Cables feature 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 ribbons enable connectorization with both MPO and all industry-standard connectors. The non-preferential bend axis allows for easy installation in space-constrained areas.

The cables include a dielectric strength member with a flexible, flame-retardant outer jacket in their all-dielectric cable construction that eliminates grounding or bonding. The cable also eliminate the need for installers to switch from an outside plant to a premise cable when transitioning from the outside plant to the inside plant. The cables meet OFNR and CSA FT4 specifications and are available in all fiber types.

BENEFITS

- Color-Coded Fibers for Quick and Easy Identification
- Robust in Indoor and Outdoor Environments
- All Dry Cable Construction Contains No Messy Gels, Thereby Making the installation Faster

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
- RoHS Compliant

QUICK SPECS

CABLE STRUCTURE	Central Tube
RIBBON TYPE	Standard Ribbon
FIBER COUNT	12 - 144
FIBER SIZE	250 µm

GENERAL	
Application	Indoor/Outside
Jacket Color	Black
Jacket Material	PVC
Cable Structure	Central Tube
Ribbon Type	Standard Ribbon
Metallic Elements	No Bonding/Grounding Required

TEMPERATURE RANGE	
Operation	-40 to +158°F (-40 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)
Max. Compression Resistance	124 lb/in (220 N/cm)
Min. Bend Radius (During/After Installation)	20 / 10 x Cable O.D.

STANDARDS	
Standards	OFNR, FT-4/UL 1666

ORDERING INFORMATION

FIBER COUNT	NOMINAL CABLE O.D.		NOMINAL WEIGHT		FIBERS PER RIBBON
	IN	MM	LB/KFT	KG/KM	
250 µm					
12 - 48f	0.62	15.7	138.0	205.0	12f
60 - 144f	0.69	17.4	156.0	231.0	12f

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

SE - 1 RG 2222 - 3

1 - FIBER TYPE	
8	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber

2 - FIBER COUNT (4-DIGITS)	
0012	12 Fibers
0024	24 Fibers
0036	36 Fibers
0048	48 Fibers
0072	72 Fibers
0096	96 Fibers
0144	144 Fibers

3 - FIBER ATTENUATION GRADES	
B	Standard Single-Mode 0.40/0.30 dB/km (1310/1550 nm)