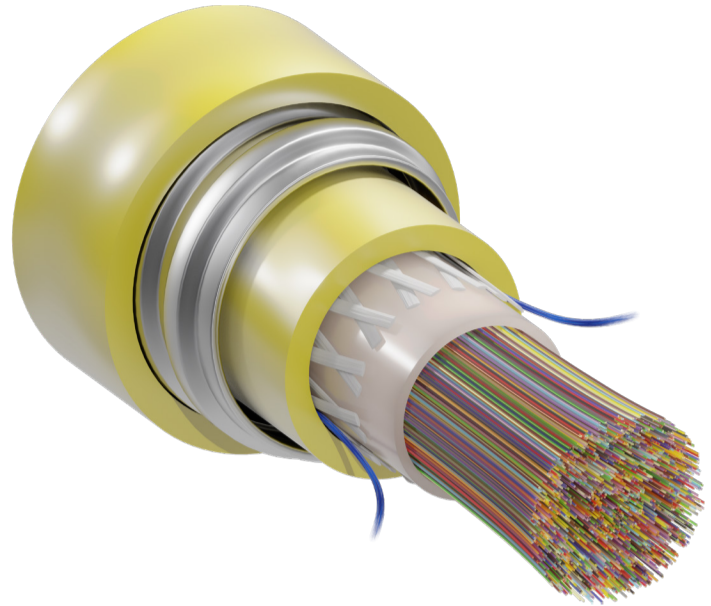


# Freeform Ribbon® Interlocking Armored Indoor Riser Central Tube Cables

Sumitomo Electric Lightwave's Freeform Ribbon® Interlocking Armored Indoor Riser Central Tube Cables feature a flame retardant outer jacket, an interlocking armor which adds protection against crushing forces, and the patented 12 fiber pliable Freeform Ribbon® constructed of 250 µm color-coded optical fibers. Freeform Ribbon® enables high fiber density within a small cable diameter which minimizes duct space requirements. The twelve fiber ribbons may be spliced to a conventional ribbon, pliable ribbon, or non-ribbonized (single) fibers, as well as connectorization with both MPO and all industry standard connectors. The non-preferential bend axis allows for easy installation in space-constrained areas.



## FEATURES

- Patented Pliable Freeform Ribbon® Color-Coded Optical Fibers
- Sumitomo Electric PureAccess® Bend Insensitive Single Mode Fiber G.657.A1
- Gel Free
- Dry Central Tube for Easy Installation
- Riser Rated Flame Resistance

## BENEFITS

- Quick and Easy Fiber Identification
- Robust in Indoor Environments
- High Fiber Density Maximizes Duct Space
- Compatible with Mass and Single Fiber Fusion Splicers, Splice-On Connectors & Hardware
- Armor Adds Additional Protection

## QUICK SPECS

**Central Tube**  
CABLE STRUCTURE

**Freeform Ribbon®**  
RIBBON TYPE

**288 - 1,728**  
FIBER COUNT

**250µm**  
FIBER SIZE

GENERAL	
Application	Indoor
Jacket Color	Yellow
Cable Structure	Central Tube
Ribbon Type	Freeform Ribbon®
Metallic Elements	Bonding/Grounding Required

FIBER	
Fiber Type	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber
Fiber Attenuation Grades	Standard Single-Mode
Attenuation	1310 nm   0.40 dB/km
	1550 nm   0.30 dB/km

BEND RADIUS	
During Installation	20 x Cable OD
After Installation	10 x Cable OD

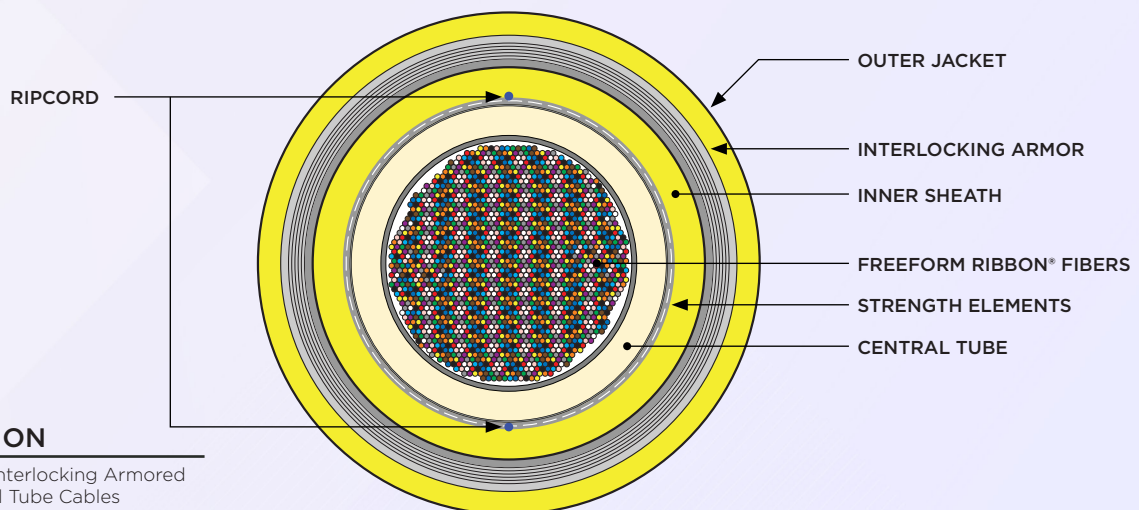
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	300 lb (1,335 N)
Max. Recommended Service Load	90 lb (40.8 kg)
Compression Resistance	125 lb/in (220 N/cm)

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

STANDARDS & COMPLIANCE	
Standards	OFCR, FT4
Regularity Compliance & Certifications	RoHS, REACH, Conflict Minerals, Proposition 65

### ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CENTRAL TUBE OD		NOMINAL CABLE OD		NOMINAL ARMOR CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	NO. OF BUNDLES
		IN	MM	IN	MM	IN	MM	LB/KFT	KG/KM		
<b>250 µm</b>											
SE-8RLP0288-B	288f	0.62	15.7	0.62	15.7	0.98	25.0	284.6	460.0	72f	4
SE-8RLP1728-B	1,728f	1.01	25.6	1.01	25.6	1.35	34.4	674.0	1,003.0	72f	24



### CROSS SECTION

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For more information, visit [www.SumitomoElectricLightwave.com](http://www.SumitomoElectricLightwave.com)