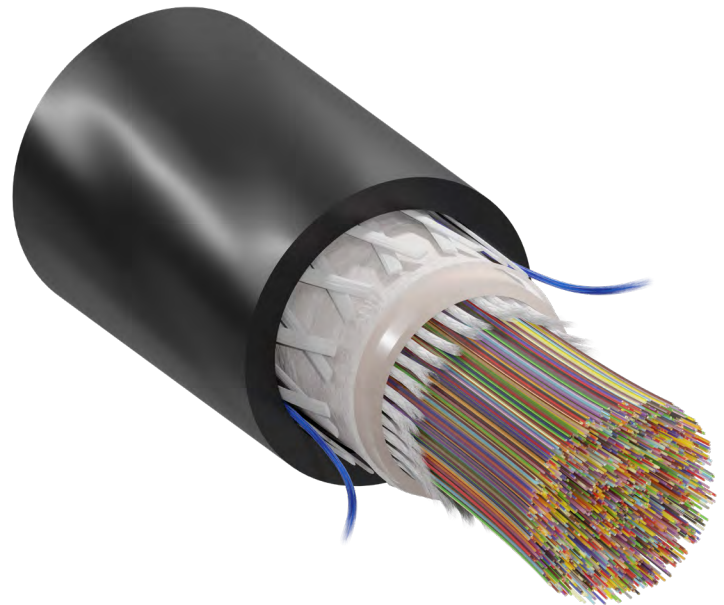


Freeform Ribbon® OSP All-Dielectric Central Tube Cables

Sumitomo Electric Lightwave's Freeform Ribbon® Outside Plant All-Dielectric Central Tube Cables feature an all dielectric design requiring no grounding or bonding, and the patented 12 fiber pliable Freeform Ribbon® constructed of 200 µm color-coded optical fibers. Freeform Ribbon® enables high fiber density within a small cable diameter which in turn helps with limited duct space. The twelve fiber ribbons may be spliced to a conventional ribbon, pliable ribbon, or non-ribbonized (single) fibers, 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 Water Blocking Tape & Yarn
- Dry Central Tube for Easy Installation

BENEFITS

- Quick and Easy Fiber Identification
- Robust in Harsh Installation Environments
- High Fiber Density Maximizes Duct Space
- Compatible with Mass and Single Fiber Fusion Splicers, Splice-On Connectors & Hardware

QUICK SPECS

Central Tube

CABLE STRUCTURE

Freeform Ribbon®

RIBBON TYPE

864 & 1,728

FIBER COUNT

200µm

FIBER SIZE

GENERAL	
Application	Outside Plant
Jacket Color	Black
Cable Structure	Central Tube
Ribbon Type	Freeform Ribbon®

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

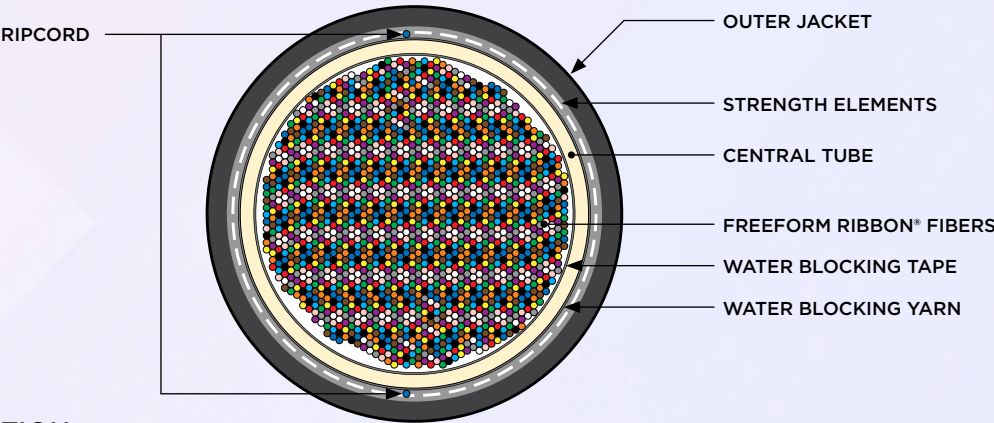
MECHANICAL CHARACTERISTICS	
Max. Tensile Load During Installation	600 lb (2,670 N)
Max. Recommended Service Load	180 lb (800 N)
Compression Resistance	125 lb/in (220 N/cm)

TEMPERATURE RANGE	
Operation	-40 to +158°F (-40 to +70°C)
Storage & Shipping	-40 to +158°F (-40 to +70°C)
Installation	-22 to +140°F (-30 to +60°C)

STANDARDS & COMPLIANCE	
Regularity Compliance	RoHS, REACH, Conflict Minerals, Proposition 65

ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CENTRAL TUBE OD		NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	NO. OF BUNDLES
		IN	MM	IN	MM	LB/KFT	KG/KM		
200 μm									
SE-8DDT0864-B	864f	0.59	15.0	0.92	23.5	218.6	326.3	72f	12
SE-8DDT1728-B	1,728f	0.72	18.4	0.98	25.0	284.1	422.7	72f	24



CROSS SECTION
Freeform Ribbon® OSP
All-Dielectric Central Tube Cables