

Freeform Ribbon™ OSP All-Dielectric Central Tube Cables

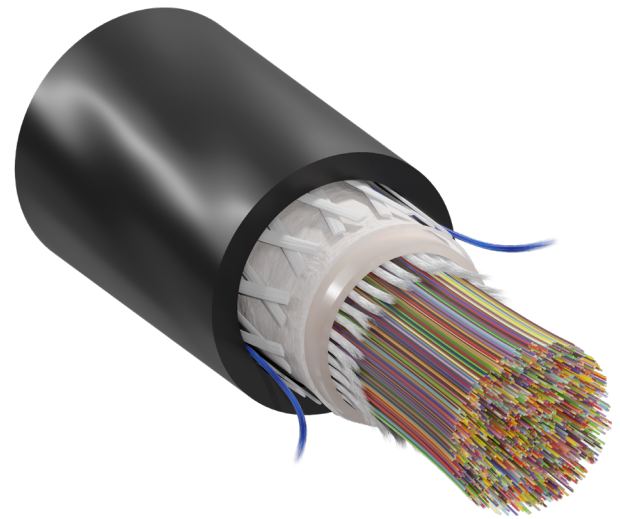
Sumitomo Electric Lightwave's Freeform Ribbon™ Outside Plant (OSP) All-Dielectric Central Tube Cables feature an all-dielectric design requiring no grounding or bonding, and the patented 12-fiber pliable Freeform Ribbon™ constructed of 250 or 200 μm color-coded optical fibers. Freeform Ribbon™ enables high fiber density within a small cable diameter which in turn helps with limited duct space. The 12-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.

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

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



QUICK SPECS

CABLE
STRUCTURE

**Central
Tube**

RIBBON TYPE

**Freeform
Ribbon™**

FIBER COUNT

**24, 96,
& 1,728**

FIBER SIZE

**250,
200μm**

GENERAL	
Application	Outside Plant
Jacket Color	Black PE
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

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		
250µm									
SE-8DDP0024-B-12	24f	0.30	7.5	0.45	11.5	51.9	77.6	12f	N/A
SE-8DDP0096-B-12	96f	0.30	7.5	0.45	11.5	56.0	83.7	12f	N/A
200µm									
SE-8DDT1728-B	1,728f	0.72	18.4	0.98	25.0	262.7	422.7	12f	24

CROSS SECTION

