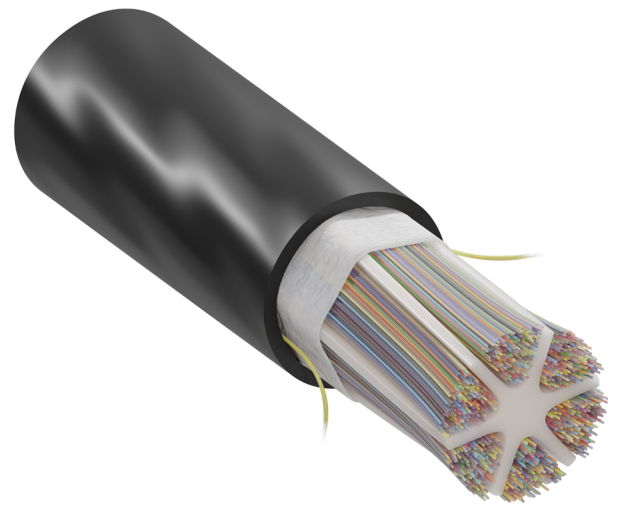


APAC REGION ONLY

Freeform Ribbon™ Conventional OSP Slotted Core Cables

Sumitomo Electric's Freeform Ribbon™ Conventional Outside-Plant (OSP) Slotted Core Cables feature the patented 12-fiber pliable Freeform Ribbon™ constructed of 200µm 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, 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.



BENEFITS

- Color-Coded Optical Fibers for Quick and Easy Identification
- Robust in Outdoor Environments
- Pliable Ribbon Allows For Higher Density In Space-Constrained Applications
- Compatible With Mass- and Single-Fiber Fusion Splicers, Splice-On Connectors & Hardware
- Slotted Core Provides Easier Grouping of Fibers

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
- All-Dielectric Design (Requires No Grounding or Bonding)

QUICK SPECS

CABLE
STRUCTURE

**Slotted
Core**

RIBBON TYPE

**Freeform
Ribbon™**

FIBER COUNT

288 - 1,728

FIBER SIZE

200 µm

GENERAL	
Region Availability	APAC Region Only
Application	Outside Plant
Jacket Color	Black
Cable Structure	Slotted Core
Ribbon Type	Freeform Ribbon™
Metallic Elements	No 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

MECHANICAL CHARACTERISTICS	
Max. Tensile Load (During Installation)	600 lb (2,670 N)
Max. Recommended Service Load	180 lb (800 N)
Compression Resistance	124 lb/in (220 N/cm)

BEND RADIUS	
During Installation	20 x Cable OD

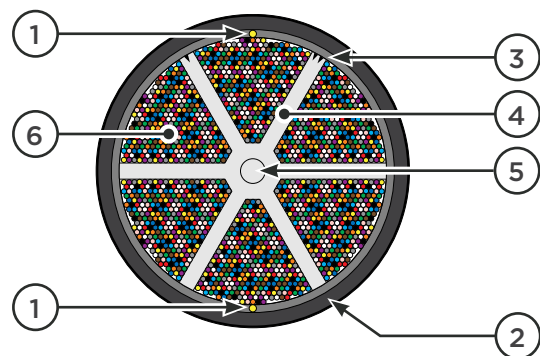
TEMPERATURE RANGE	
Operation	-40 to +158°F (-40 to +70°C)

STANDARDS	
Standards	Referencing EIA/TIA-455

ORDERING INFORMATION

SEL PART NUMBER	SEI PART NUMBER	FIBER COUNT	NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	FIBERS PER SLOT	STRANDING	STRENGTH MEMBER
			IN	MM	LB/KFT	KG/KM				
200 µm										
N/A	288SM(PA200)-SZ12(EZB)-WB-E	288f	0.56	14.2	117.6	175.0	12f	48	SZ	Metallic
DRSC-OSP6-SA00288-200-ADEROLD	NM288SM(PA200)-SZ12(EZB)-WB-E	288f	0.60	15.0	127.7	190.0	12f	48	SZ	FRP
DRSC-OSP6-SA00432-200-ADEROLD	NM432SM(PA200)-SZ12(EZB)-WB-E	432f	0.65	16.5	134.4	200.0	12f	72	SZ	FRP
DRSC-OSP6-SA00864-200-ADE	NM864SM(PA200)-SZ12(EZB)-WB-E	864f	0.75	19.0	201.6	300.0	12f	144	SZ	FRP
DRSC-OSP6-SA01728-200-ADE	NM1728SM(PA200)-SZ12(EZB)-WB-E	1,728f	0.99	25.0	268.8	400.0	12f	288	SZ	FRP

CROSS SECTION



1. Ripcord
2. Outer Jacket
3. Water Blocking Tape
4. Slotted Core
5. Strength Member
6. Freeform Ribbon™ Fibers

To learn more information visit www.SumitomoElectricLightwave.com/Market-Application/Data-Center-Network-Solutions/