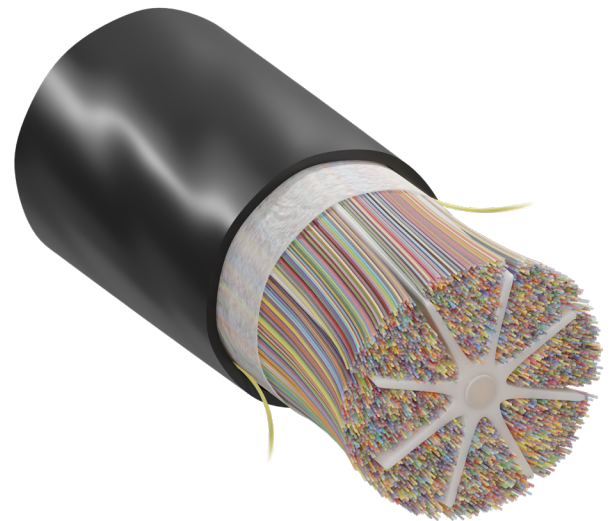


Freeform Ribbon™ UHFC OSP All-Dielectric Slotted Core Cables

Sumitomo Electric Lightwave's Freeform Ribbon™ Ultra High Fiber Count (UHFC) Outside Plant (OSP) All-Dielectric Slotted Core Cables feature an all-dielectric design requiring no grounding or bonding, and the patented 12-fiber pliable Freeform Ribbon™ constructed of 250 or 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

- 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
- Slotted Core Provides Easier Grouping of Fibers

FEATURES

- Patented Pliable Freeform Ribbon™ Color-Coded Optical Fibers
- PureAccess® G.657.A1 Bend Insensitive Single Mode Fiber
- Gel-Free, Water Blocking Tape
- Meets Requirements of IEC 60794-3-19
- All-Dielectric Design (No Bonding/Grounding Required)

QUICK SPECS

CABLE
STRUCTURE

**Slotted
Core**

RIBBON TYPE

**Freeform
Ribbon™**

FIBER COUNT

1,152 - 6,912

FIBER SIZE

**250,
200 µm**

To learn more information visit www.SumitomoElectricLightwave.com

GENERAL	
Application	Outside Plant
Jacket Color	Black PE
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	
Max. 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)
Max. Compression Resistance	124 lb/in (220 N/cm)

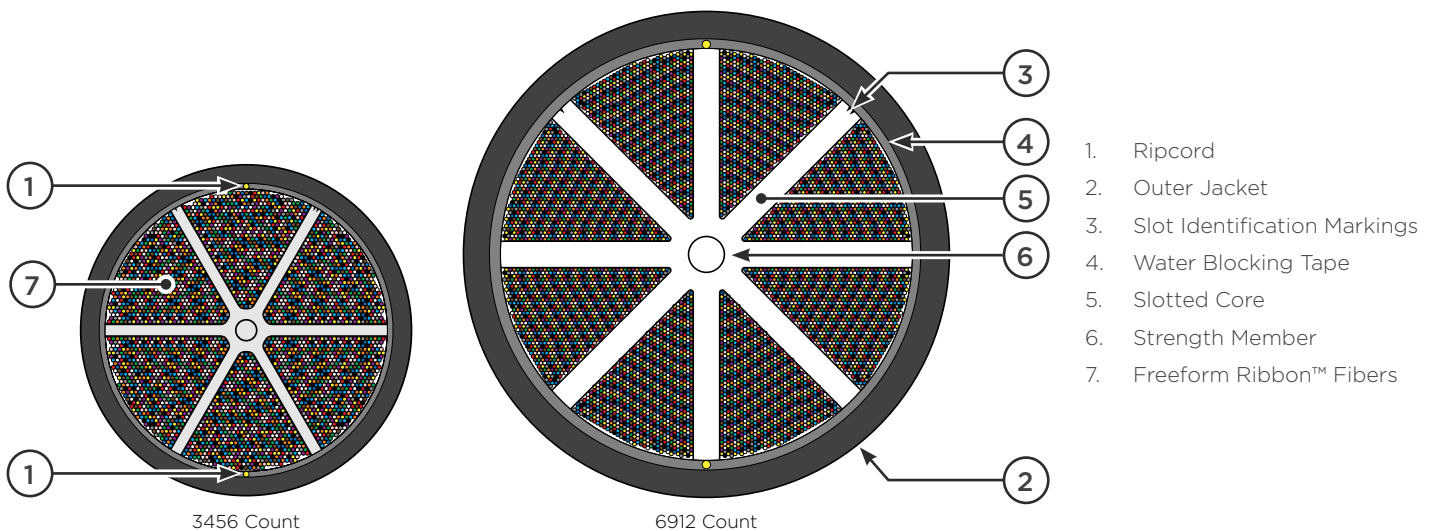
TEMPERATURE RANGE	
Operation	-40 to +158°F (-40 to +70°C)
Storage & Shipping	-40 to +158°F (-40 to +70°C)
Installation	+14 to +122°F (-10 to +50°C)

ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON	NO. OF SLOTS	STRANDING
		IN	MM	LB/KFT	KG/KM			
250 µm								
DRSC-GNS-15021	1,152f	0.98	25.0	302.4	450.0	12f	6	SZ
DRSC-13079SA0001728-B	1,728f	1.02	26.0	302.4	450.0	12f	6	HL
DRSC-OSP6-SA003456-250-ADE	3,456f	1.26	32.0	470.3	700.0	12f	6	HL
200 µm								
DRSC-OSP6-SA001728-200-ADE	1,728f	0.98	25.0	268.8	400.0	12f	6	SZ
DRSC-13261SA003456	3,456f	1.10	28.0	362.8	540.0	12f	6	HL
DRSC-OSP8-SA06912-200-ADE	6,912f	1.46	37.0	638.4	950.0	12f	8	HL

Lower Attenuation Option Available Upon Request

CROSS SECTION



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