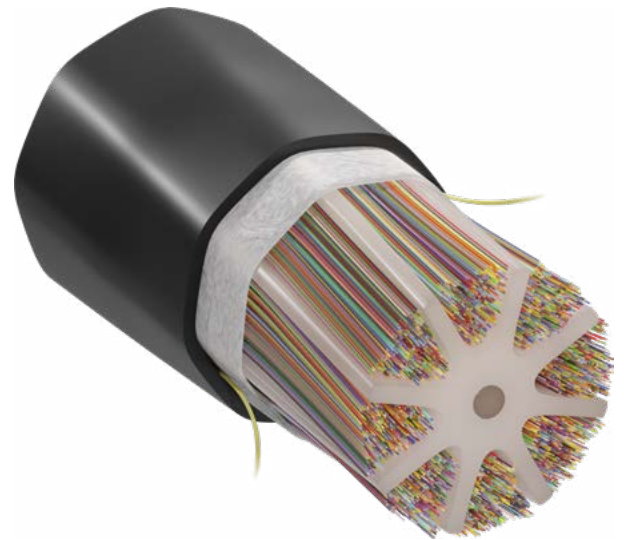


## Freeform Ribbon® UHFC OSP All-Dielectric Slotted Core Cables

Sumitomo Electric Lightwaves'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® Bend Insensitive Single Mode Fiber G.657.A1
- Gel Free Water Blocking Tape
- Meets Requirements of IEC 60794-3-19

### QUICK SPECS

CABLE  
STRUCTURE

**Slotted  
Core**

RIBBON TYPE

**Freeform  
Ribbon®**

FIBER COUNT

**1,152 - 6,912**

FIBER SIZE

**250,  
200 µm**

GENERAL		
Application	Outside Plant	
Jacket Color	Black PE	
Cable Structure	Slotted Core	
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
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)
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)
STANDARDS & COMPLIANCE		
Regularity Compliance		RoHS, REACH, Conflict Minerals, Proposition 65

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

