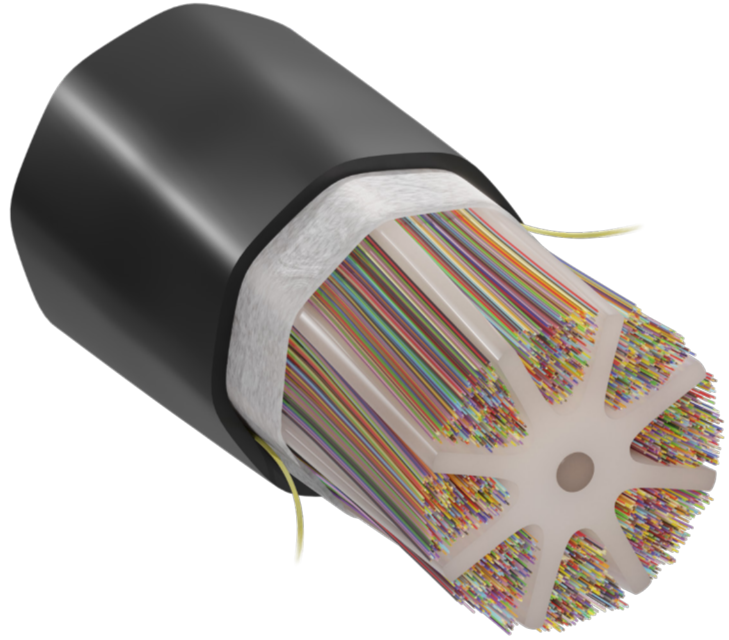


## Freeform Ribbon® UHFC OSP All-Dielectric Slotted Core Cables

Sumitomo Electric's Freeform Ribbon® Ultra High Fiber Count Outside Plant 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 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, 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.



### 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

### 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

### QUICK SPECS

**Slotted Core**  
CABLE STRUCTURE

**Freeform Ribbon®**  
RIBBON TYPE

**1,152 - 6,912**  
FIBER COUNT

**250, 200 μm**  
FIBER SIZE

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   0.25 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)

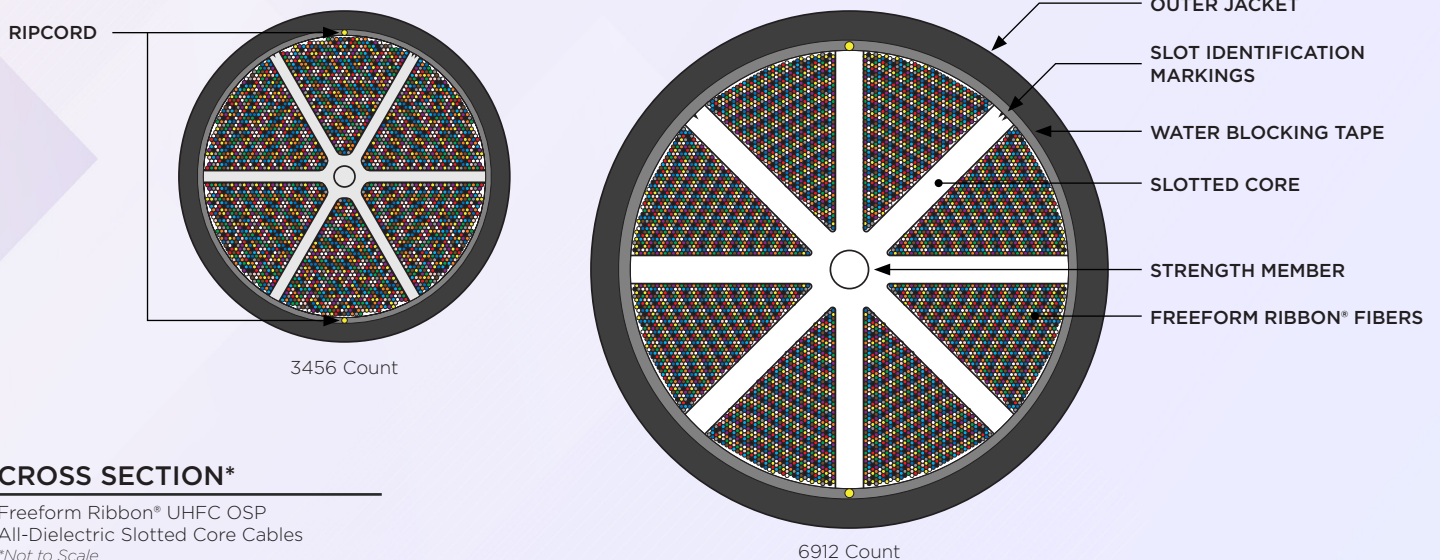
TEMPERATURE RANGE	
Operation	-40 to +158°F (-40 to +70°C)
Storage & Shipping	-40 to +158°F (-40 to +70°C)
Installation	+14 to +122°F (-10 to +50°C)

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

### ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CABLE OD		NOMINAL WEIGHT		NO. OF SLOTS	FIBERS PER SLOT	STRANDING
		IN	MM	LB/KFT	KG/KM			
<b>250 μm</b>								
DRSC - GNS - 15021	1,152f	0.98	25.0	302.4	450.0	6	192f	SZ
DRSC-13079SA0001728-B	1,728f	1.02	26.0	302.4	450.0	6	288f	HL
DRSC-OSP6-SA003456-250-ADE	3,456f	1.26	32.0	470.3	700.0	6	576f	HL
<b>250 μm</b>								
DRSC-OSP6-SA001728-200-ADE	1,728f	0.98	25.0	268.8	400.0	6	288f	SZ
DRSC-13261SA003456	3,456f	1.10	28.0	362.8	540.0	6	576f	HL
DRSC-OSP8-SA06912-200-ADE	6,912f	1.46	37.0	638.4	950.0	8	864f	HL

Lower Attenuation Option Available Upon Request



### CROSS SECTION\*

Freeform Ribbon® UHFC OSP  
All-Dielectric Slotted Core Cables  
\*Not to Scale

For more information, visit [www.SumitomoElectricLightwave.com](http://www.SumitomoElectricLightwave.com)