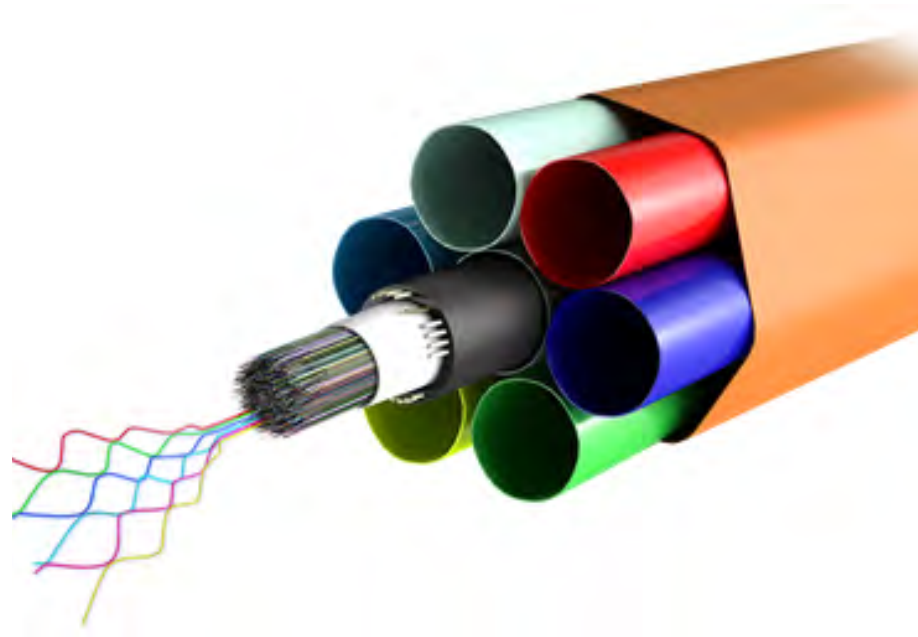


Freeform Ribbon® OSP All-Dielectric Microduct Cables

Sumitomo Electric Lightwave's (SEL) Freeform Ribbon® Outside Plant All-Dielectric Microduct Cables feature 250 & 200 μm color-coded optical fibers for easy fiber identification and SEL's exclusive patented pliable ribbons. Freeform Ribbon® enables high-fiber density within a small cable diameter, which helps with limited duct space. The 12-fiber ribbons enable splicing with both conventional fiber ribbons and single fibers (by easily breaking into single fibers by hand and connectorization with both MPO and all industry-standard connectors). The non-preferential bend axis allows for easy installation in space-constrained areas. The cable includes a dry water-blocking material that eliminates cable-flooding gels, eliminating the cleaning and blocking preparation steps associated with standard gel-filled cables. Dry cable speeds overall installation, termination, and splicing while reducing labor and material costs. The all-dielectric design requires no grounding or bonding.



FEATURES

- Color-Coded Optical Fibers for Quick and Easy Identification
- Freeform Ribbon® for High-Fiber Density
- 12-Fiber Grouping for Ease and Compatibility with Multi-Fiber Connectors
- Splice Capability with Single Fibers
- Suitable to Blowing Installation in Microducts
- SEL's G.657.A1 Fiber
- Gel-Free

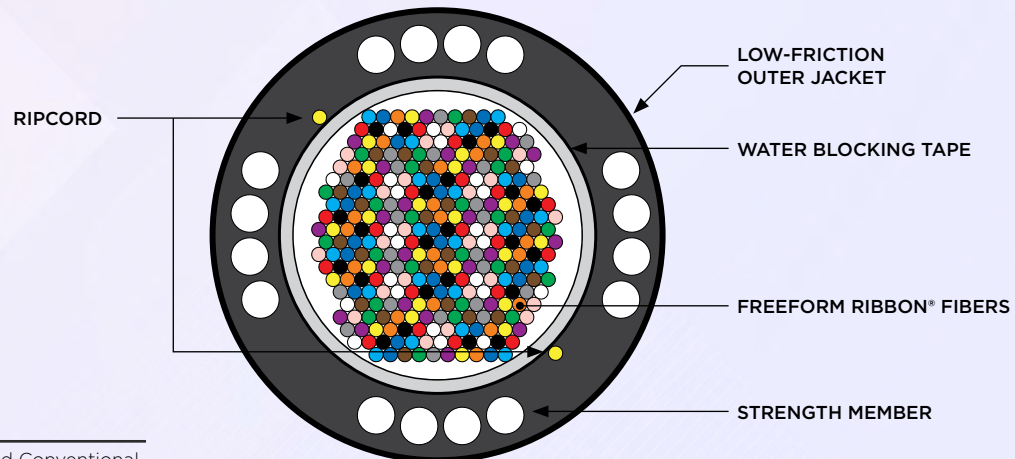
To learn more information visit www.SumitomoElectricLightwave.com

SPECIFICATIONS

PROPERTY	SPECIFICATION				
Fiber Type	PureAccess® G.657.A1 Bend Insensitive Single-Mode Fiber				
Fiber Attenuation Grades	standard single-mode				
Attenuation	<table border="0"> <tr> <td>1310 nm</td> <td>0.40 dB/km</td> </tr> <tr> <td>1550 nm</td> <td>0.30 dB/km</td> </tr> </table>	1310 nm	0.40 dB/km	1550 nm	0.30 dB/km
1310 nm	0.40 dB/km				
1550 nm	0.30 dB/km				
Maximum Tensile Load During Installation	300 lb (1,334 N)				
Compression Resistance	56 lb/in (100 N/cm)				
Operation Temperature Range	-30 to +158°F (-30 to +70°C)				

ORDERING INFORMATION

PART NUMBER	FIBER COUNT	NOMINAL CABLE OD		NOMINAL WEIGHT		FIBERS PER RIBBON
		IN	MM	LB/KFT	KG/KM	
250 µm						
DRMD-OSSTD-SA00192-250-ADE	192f	0.34	8.7	30.9	46.0	12f
DRMD-OSSTD-SA00288-250-ADE	288f	0.41	10.5	47.0	70.0	12f
DRMD-OSSTD-SA00432-250-ADE	432f	0.49	12.5	70.6	105.0	12f
DRMD-OSSTD-SA00864-250-ADE	864f	0.59	14.9	94.1	140.0	12f
200 µm						
DRMD-OSSTD-SA00192-200-ADE	192f	0.30	7.6	26.9	40.0	12f
DRMD-OSSTD-SA00288-200-ADE	288f	0.36	9.2	34.9	52.0	12f
DRMD-OSSTD-SA00432-200-ADE	432f	0.41	10.5	47.0	70.0	12f
DRMD-OSSTD-SA00864-200-ADE	864f	0.53	13.5	73.9	110.0	12f



CROSS SECTION

Freeform Ribbon® Armored Conventional Outside Plant Slotted Core Cables

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