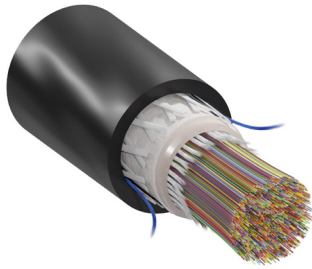


Freeform Ribbon® Outside Plant All-Dielectric Ribbon Cable

1728F


For more information on this cable, or other related products, visit:
www.SumitomoElectricLightwave.com

DESCRIPTION

Sumitomo Electric Lightwave's Freeform Ribbon® Outside Plant Central Tube fiber optic ribbon cable features 200um color-coded optical fibers for easy fiber identification and Sumitomo's exclusive patented pliable ribbons. The twelve fiber ribbons enable connectorization with both MPO and all industry standard connectors. The non-preferential bend axis allows for easy installation in space constrained applications.

Sumitomo Electric's patented Freeform Ribbon® construction is designed to both pack densely in small form factor cables

while still being capable to transform quickly, by hand ONLY, to splice-ready form similar to standard ribbon for fast and easy 12 fiber ribbon splicing (for both in-line and fusion splice-on connector splicing applications).

The cable's all-dielectric, dry core design includes a dry water-blocking tape that eliminates cable flooding gels, thereby eliminating the cleaning and blocking preparation steps associated with standard gel-filled cables. The use of a totally dry cable speeds overall installation, termination, and splicing while reducing labor and material costs. The all dielectric design requires no grounding or bonding.

FEATURES

- Dry Central Tube Design for Easy Installation; No Mess When Splicing
- 12 Fiber Freeform Ribbon® For Ease and Compatibility with Multi-Fiber Connectors
- Medium density polyethylene (MDPE) outer sheath
- Sumitomo Electric PureAccess G.657.A1 200um Fiber

BENEFITS

- Compatible with SEL's fusion splicers, Splice-On Connectors and Hardware
- Color-Coded Optical Fibers for Quick and Easy Identification
- Ideal for higher density in space-constrained applications

SPECIFICATIONS

Property	Specification
Maximum Tensile Load During Installation	600 lbs
Maximum Recommended Service Load	200 lbs
Minimum Bend Radius (During/After Installation)	20/10 x Cable OD
Compression Resistance	220 N/cm (124 lbs/in)
Operation Temperature Range	-30 to 60°C (-22 to 140°F)

PHYSICAL CHARACTERISTICS

Fiber Count	Max. No. of Tubes	No. Fibers Per Ribbon	Cable Outer Diameter (mm) (in.)	Weight (kg/km) (lbs/kft.)	Tube Entry Tool
1728	1	12	25.4 1.00	423 284	UCTS-001

ORDERING INFORMATION

Create a Part Number by Using this Character Set & Codes

SE - 8 DDT1728 - B



Fiber Type*
8 = PureAccess -Bend Insensitive [ZWP] Single-mode Fiber



Fiber Count (4-digits)
Total number of fibers in the cable (1728)



Fiber Attenuation Grades
B = Standard Single-mode 0.40/0.30 dB/km (1310/1550 nm)