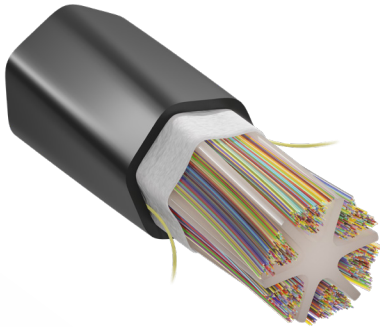


Freeform Ribbon® Slotted Core Ribbon Cable

3456F


DESCRIPTION

Sumitomo Electric Lightwave's Freeform Ribbon® Slotted Core fiber optic ribbon cables feature 250um color-coded optical fibers for easy fiber identification and Sumitomo's exclusive patented pliable fiber ribbons. Freeform Ribbon® enables high fiber density within a small cable diameter which in turn helps with limited duct space. 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 areas. The cable 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. By eliminating these steps, 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.

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

PHYSICAL CHARACTERISTICS

Fiber Count	Max. No. of Slots	No. Fibers Per Slot	Diameter		Weight	
			(mm)	(in.)	(kg/km)	(lbs/kft.)
3456	6	576	32	1.26	700	470

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	-40 to 70°C (-40 to 158°F)

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
- Sumitomo Electric's PureAccess G.657.A1 Fiber
- Easy Cable Entry
- Gel Free

ORDERING INFORMATION

DRSC-OSP6-SA003456-250-ADE