R-036-DS-8F-FMU

Fiber indoor cable, Riser Distribution, 36 fiber multi-unit with 12 fiber subunits, Singlemode G.657. A1, Feet jacket marking

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	R-DS
General Specifications	
Cable Type	Distribution
Construction Type	Non-armored
Fiber Type, quantity	36
Fibers per Subunit, quantity	12
Jacket Marking	Feet
Subunit Type	Gel-free
Subunit, quantity	3
Total Fiber Count	36
Dimensions	
Buffer Tube/Subunit Diameter	5.95 mm 0.234 in
Diameter Over Jacket	14.45 mm 0.569 in

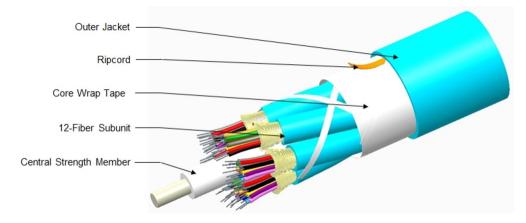
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	217 mm 8.543 in
Minimum Bend Radius, unloaded	145 mm 5.709 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1335 N 300.12 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	5.88 N-m 52.042 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	244 m 800.525 ft

Environmental Specifications

Installation temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409

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Environmental Space		Riser
Flame Test Listing		NEC OFNR (ETL) and c(ETL)
Flame Test Method		UL 1666
Environmental Test Specifications		
Heat Age		-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method		IEC 60794-1 F9
Low High Bend		-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Meth	nod	FOTP-37 IEC 60794-1 E11
Temperature Cycle		-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method		FOTP-3 IEC 60794-1 F1
Packaging and Weights		
Cable weight		167 kg/km 112.219 lb/kft
Regulatory Compliance/Certifications		
Agency	Classification	
ISO 9001:2015	Designed, manufactured and/o	or distributed under this quality management system
ISO 9001:2015		

Included Products

CS-8F-TB

Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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