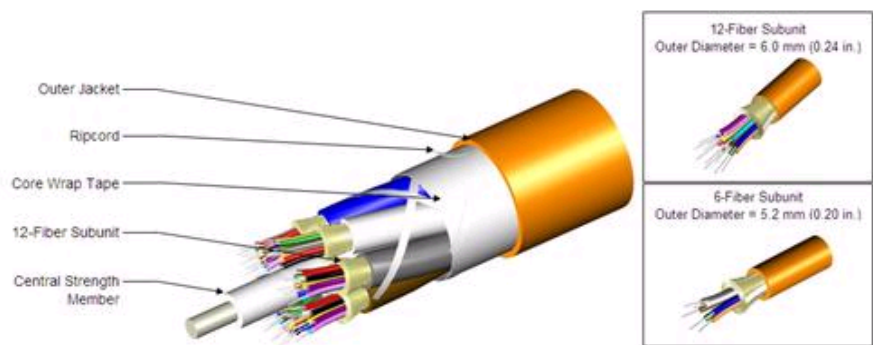


760007997 | R-036-DS-CM-
FMUQAQ/8W012/5L024

Riser Distribution Cable, 36 fiber multi-unit with 12 fiber subunits

Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Subunit Type	Gel-free

Construction Materials

Fiber Type Solution	Composite fiber LazrSPEED® 300, 50 µm multimode fiber TeraSPEED®, zero water peak singlemode fiber		
Total Fiber Quantity	36		
Fiber Type	TeraSPEED®, zero water peak singlemode fiber		
Fiber Type, quantity	12		
Fibers Per Subunit, quantity	12		
Jacket Color	Aqua		
Second Fiber Type	LazrSPEED® 300, 50 µm multimode fiber		
Second Fiber Type, quantity	24		

Dimensions

Buffer Tube/Subunit Diameter	6.00 mm 0.24 in
Cable Weight	112.0 lb/kft 167.0 kg/km
Diameter Over Jacket	14.60 mm 0.57 in
Subunit, quantity	3

Physical Specifications

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Minimum Bend Radius, loaded	21.9 cm		8.6 in
Minimum Bend Radius, unloaded	14.6 cm		5.7 in
Tensile Load, long term, maximum	1068 N		240 lbf
Tensile Load, short term, maximum	3560 N		800 lbf
Vertical Rise, maximum	500.0 m		1640.4 ft

Flame Test Specifications

Flame Test Listing	NEC OFNR (ETL) and c(ETL)
Flame Test Method	UL 1666

Environmental Specifications

Environmental Space	Riser
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)

Mechanical Test Specifications

Compression	10 N/mm		57 lb/in
Compression Test Method	FOTP-41		IEC 60794-1-2, Section 7
Flex	100 cycles		
Flex Test Method	FOTP-104		IEC 60794-1-2, Section 10
Impact	4.34 ft lb		5.88 N-m
Impact Test Method	FOTP-25		IEC 60794-1-2, Section 8
Strain	See long and short term tensile loads		
Strain Test Method	FOTP-33		IEC 60794-1-2, Section 5
Twist	10 cycles		
Twist Test Method	FOTP-85		IEC 60794-1-2, Section 11

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	Not applicable
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-28 IEC 60794-1-2, Section 28
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1-2, Section 22

Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-83-596-2001 Telcordia GR-409-CORE Issue 2
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



Included Products

CS-5L-TB (Product Component—not orderable) — LazrSPEED® 300 OM3 Multimode Fiber

CS-8W-TB (Product Component—not orderable) — TeraSPEED® Singlemode Fiber