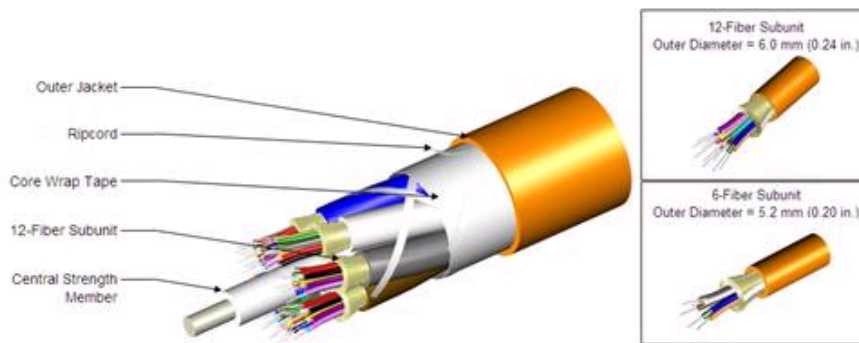


760009282 | N-036-DS-CM-FMUAQ/8W012/5L024

**Low Smoke Zero Halogen 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	6.20 mm   0.24 in
Cable Weight	118.0 lb/kft   176.0 kg/km
Diameter Over Jacket	14.90 mm   0.59 in
Subunit, quantity	3

## Physical Specifications

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Minimum Bend Radius, loaded	22.3 cm		8.8 in
Minimum Bend Radius, unloaded	14.9 cm		5.9 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-LS (ETL) and c(ETL)		
Flame Test Method	IEC 60332-3		IEC 60754-2   IEC 61034-2   IEEE 383   UL 1666   UL 1685

## Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)		Riser
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)		
Operating Temperature	-40 °C to +70 °C (-40 °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	-40 °C to +85 °C (-40 °F to +185 °F)		
Heat Age Test Method	Not applicable		
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)		
Low High Bend Test Method	FOTP-28		IEC 60794-1-2, Section 28
Temperature Cycle	-40 °C to +70 °C (-40 °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

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

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