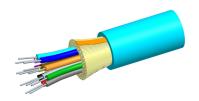
# 760147306 | R-024-DS-CM-FSUAQ/8W012 /5M012



TeraSPEED® Riser Distribution Cable, 24 fiber single-unit

#### **OBSOLETE**

This product was discontinued on: March 30, 2017

### **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

**Subunit Type** Gel-free

**Jacket Color** Aqua

Jacket Marking Feet

**Composite Fiber Count** 12 + 12

Total Fiber Count 24

**Dimensions** 

**Diameter Over Jacket** 7.9 mm | 0.311 in

## Representative Image



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### Mechanical Specifications

Minimum Bend Radius, loaded 118 mm | 4.646 in

Minimum Bend Radius, unloaded 79 mm | 3.11 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** 2.94 N-m | 26.021 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** 500 m | 1,640.42 ft

Optical Specifications

Fiber Type Composite MM/SM | G.652.D and G.657.A1, TeraSPEED® | OM2+, LazrSPEED®

150

### **Environmental Specifications**

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Installation temperature  $-20 \, ^{\circ}\text{C to} + 70 \, ^{\circ}\text{C } (-4 \, ^{\circ}\text{F to} + 158 \, ^{\circ}\text{F})$ Operating Temperature  $-20 \, ^{\circ}\text{C to} + 70 \, ^{\circ}\text{C } (-4 \, ^{\circ}\text{F to} + 158 \, ^{\circ}\text{F})$ 

**Storage Temperature**  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \text{ (-40 }^{\circ}\text{F to } +158 \,^{\circ}\text{F)}$ 

Cable Qualification StandardsANSI/ICEA S-83-596Telcordia GR-409

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**  $-20 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-4 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

**Low High Bend Test Method** 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** 50.4 kg/km | 33.867 lb/kft

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

