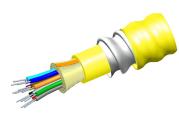
# 760127316 | R-012-DZ-8W-FSUYL



Fiber Indoor cable, TeraSPEED® Riser Distribution, interlocking aluminum armored with riser jacket, 12 fiber single-unit, Gel-free, Singlemode G.652. D and G.657.A1, Feet jacket marking, Yellow jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North

America

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Portfolio CommScope®

**Product Type** Fiber indoor cable

**Product Series** R-DZ

## General Specifications

Armor Type Interlocking aluminum

Cable TypeDistributionConstruction TypeArmoredSubunit TypeGel-freeJacket ColorYellowJacket MarkingFeet

**Dimensions** 

**Total Fiber Count** 

Diameter Over Armor10.8 mm | 0.425 inDiameter Over Jacket12.8 mm | 0.504 in

# Mechanical Specifications

Minimum Bend Radius, loaded192 mm7.559 inMinimum Bend Radius, unloaded128 mm5.039 inTensile Load, long term, maximum200 N | 44.962 lbfTensile Load, short term, maximum667 N | 149.948 lbf

**Compression** 85 N/mm | 485.363 lb/in

**COMMSCOPE®** 

#### R-012-DZ-8W-FSUYL 760127316

**Compression Test Method** FOTP-41 | IEC 60794-1 E3

Flex 25 cycles

Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 35 N-m | 309.776 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 140 m | 459.318 ft

**Optical Specifications** 

**Fiber Type** G.652.D and G.657.A1, TeraSPEED®

### **Environmental Specifications**

Installation temperature -20 °C to +70 °C (-4 °F to +158 °F) -20 °C to +70 °C (-4 °F to +158 °F) **Operating Temperature Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Cable Qualification Standards** ANSI/ICEA S-83-596 | Telcordia GR-409

**Environmental Space** Riser

NEC OFCR (ETL) and c(ETL) Flame Test Listing

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

-20 °C to +70 °C (-4 °F to +158 °F) Low High Bend **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 146 kg/km | 98.107 lb/kft

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# 760127316 | R-012-DZ-8W-FSUYL

## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



### Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

### \* Footnotes

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

