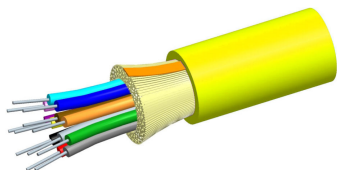


Fiber indoor cable, TeraSPEED® Riser Distribution, Singlemode G.652.D and G.657.A1, 6 fiber single-unit, Feet jacket marking, Yellow jacket color



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

6

Jacket Color

Yellow

Jacket Marking

Feet

Subunit Type

Gel-free

Total Fiber Count

6

Dimensions

Diameter Over Jacket

5.04 mm | 0.198 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	76 mm 2.992 in
Minimum Bend Radius, unloaded	50 mm 1.969 in
Tensile Load, long term, maximum	200 N 44.962 lbf
Tensile Load, short term, maximum	667 N 149.948 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	500 m 1,640.42 ft

Optical Specifications

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

760004424 | R-006-DS-8W-FSUYL

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
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 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	23 kg/km 15.455 lb/kft
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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



Included Products

CS-8W-TB – TeraSPEED® Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable