760127373 | R-024-DZ-8W-FSUYL

Fiber Indoor cable, TeraSPEED® Riser Distribution, interlocking aluminum armored with riser jacket, 24 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
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	R-DZ

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	24

Dimensions

Diameter Over Armor	13.34 mm	0.525 in
Diameter Over Jacket	15.4 mm	0.606 in

Mechanical Specifications

Minimum Bend Radius, loaded	231 mm	9.094 in
Minimum Bend Radius, unloaded	154 mm	6.063 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	1335 N	300.12 lbf
Compression	85 N/mm	485.363 lb/in

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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	209 m	685.696 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)
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 OFCR (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	195 kg/km	131.034 lb/kft

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Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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

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