

TeraSPEED® Riser Distribution Cable, interlocking aluminum armored with riser jacket, 36 fiber multi-unit with 12 fiber subunits

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-DZ

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Feet
Subunit, quantity	3
Fibers per Subunit, quantity	12
Composite Fiber Count	12 + 24
Total Fiber Count	36

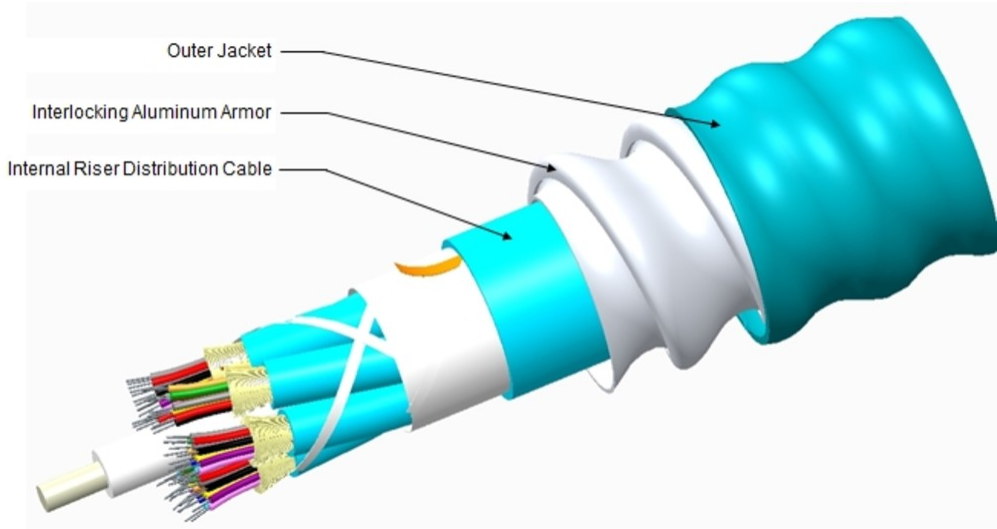
Dimensions

Buffer Tube/Subunit Diameter	5.95 mm 0.234 in
Diameter Over Armor	20.96 mm 0.825 in

760127001 | R-036-DZ-CM-FMUSL/8W012/5M024

Diameter Over Jacket 23 mm | 0.906 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	460 mm 18.11 in
Minimum Bend Radius, unloaded	322 mm 12.677 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
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	104 m 341.207 ft

Optical Specifications

760127001 | R-036-DZ-CM-FMUSL/8W012/5M024

Fiber Type	Composite MM/SM G.652.D and G.657.A1, TeraSPEED® OM2+, LazrSPEED® 150
-------------------	---

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	393 kg/km 264.084 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
------------------------------	---