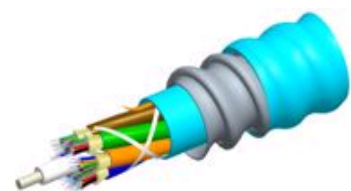


P-012-DZ-5L-FSUAQ

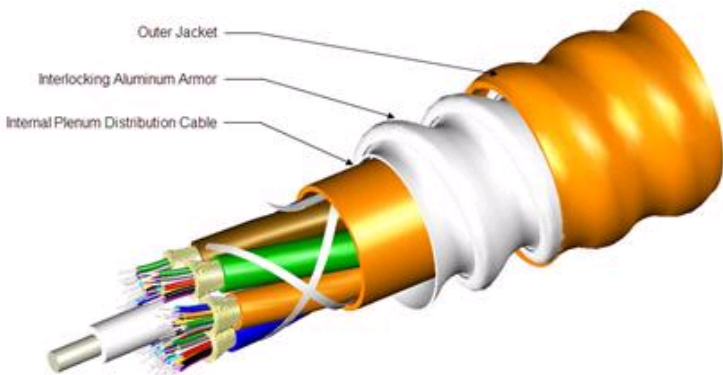
Material ID: 760127647

Plenum Distribution Cable, interlocking aluminum armored with plenum jacket, 12 fiber single-unit



CHARACTERISTICS

Representative Image



General Specifications

Cable Type	Distribution
Construction Type	Armored
Subunit Type	Gel-free

Construction Materials

Fiber Type Solution	LazrSPEED® 300, 50 µm multimode fiber
Total Fiber Quantity	12
Armor Type	Interlocking aluminum
Fiber Type	LazrSPEED® 300, 50 µm multimode fiber
Fiber Type, quantity	12
Jacket Color	Aqua

Dimensions

Cable Weight	101.0 lb/kft 151.0 kg/km
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Product Specifications

P-012-DZ-5L-FSUAQ - Material ID: 760127647

Diameter Over Armor	10.80 mm 0.43 in
Diameter Over Jacket	12.80 mm 0.50 in

Physical Specifications

Minimum Bend Radius, loaded	25.7 cm 10.1 in
Minimum Bend Radius, unloaded	18.0 cm 7.1 in
Tensile Load, long term, maximum	400 N 90 lbf
Tensile Load, short term, maximum	1335 N 300 lbf
Vertical Rise, maximum	271.0 m 889.1 ft

Flame Test Specifications

Flame Test Listing	NEC OFCP (ETL) and c(ETL)
Flame Test Method	NFPA 262

Environmental Specifications

Environmental Space	Plenum
Installation Temperature	0 °C to +70 °C (+32 °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)

Mechanical Test Specifications

Compression	485 lb/in 85 N/mm
Compression Test Method	FOTP-41 IEC 60794-1-2, Section 7
Flex	25 cycles
Flex Test Method	IEC 60794-1-2, Section 10 FOTP-104
Impact	25.80 ft lb 35.00 N-m
Impact Test Method	FOTP-25 IEC 60794-1-2, Section 8
Strain	See long term and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1-2, Section 5
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1-2, Section 11

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	Not applicable
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-28 IEC 60794-1-2, Section 28
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1-2, Section 22

Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-83-596-2001 Telcordia GR-409-CORE Issue 2
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Regulatory Compliance/Certifications

Product Specifications

COMMScope®

P-012-DZ-5L-FSUAQ - Material ID: 760127647

Agency

RoHS 2002/95/EC
ISO 9001:2008

Classification

Compliant
Designed, manufactured and/or distributed under this quality management system



INCLUDED PRODUCTS



CS-5L-TB (Product Component—not orderable)
LazrSPEED® 300 OM3 Multimode Fiber
