760134981 | P-024-OZ-5K-FSUBK

Fiber indoor/outdoor cable, LazrSPEED® Plenum Distribution, interlocking aluminum armored with plenum jacket, Multimode OM4, 24 fiber single-unit, Gel-free, Feet jacket marking, Black jacket color

Product Classification

Regional Availability	Asia	Australia/New Zealand	Latin America	Middle East/Africa	North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	P-OZ

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Distribution
Construction Type	Armored
Jacket Color	Black
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

Representative Image

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Outer Jacket
Interlocking Aluminum Armor
Internal I/O Plenum Distribution

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
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	187 m	613.517 ft

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550	OM4, LazrSPEED® 550

Environmental Specifications

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Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696	Telcordia GR-20 (water penetration for internal cable)	Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFCP (ETL) and c(ETL)
Flame Test Method	NFPA 130	NFPA 262
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82	IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze Test Method	IEC 60794-1 F15
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-40 °C to +70 °C (-40 °F to +158 °F)
Low High Bend Test Method	FOTP-37	IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3	IEC 60794-1 F1

Packaging and Weights

Cable weight	218 kg/km	146.489 lb/kft

Regulatory Compliance/Certifications

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

Included Products

CS-5K-TB	–	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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