760164129 | P-072-LZ-5K-F12BK/25D



Fiber indoor/outdoor cable, LazrSPEED®, Plenum Rated, Multimode OM4, 72 fiber, Gel-Free, Stranded Loose Tube with Aluminum Interlocking Armor jacket, Gel-free, Feet jacket marking, Black jacket color

Product Classification

PortfolioCommScope®Product TypeFiber indoor cableProduct SeriesP-LZGeneral SpecificationsInterlocking aluminumArmor TypeInterlocking aluminumCable TypeStranded loose tubeConstruction TypeArmored
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General SpecificationsArmor TypeInterlocking aluminumCable TypeStranded loose tubeConstruction TypeArmored
Armor TypeInterlocking aluminumCable TypeStranded loose tubeConstruction TypeArmored
Cable Type Stranded loose tube Construction Type Armored
Construction Type Armored
Subunit Type Gel-free
Filler, quantity0
Jacket Color Black
Jacket Marking Feet
Subunit, quantity 6
Fibers per Subunit, quantity12
Total Fiber Count72
Dimensions
Buffer Tube/Subunit Diameter2.5 mm 0.098 in
Diameter Over Armor 15.9 mm 0.626 in
Diameter Over Jacket 17.9 mm 0.705 in

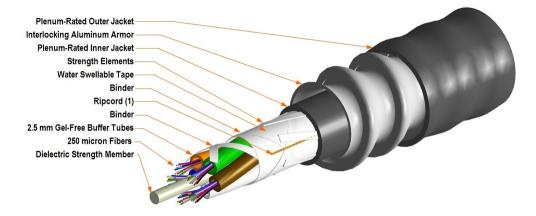
Representative Image

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Mechanical Specifications

Minimum Bend Radius, loaded	358 mm 14.094 in
Minimum Bend Radius, unloaded	250 mm 9.843 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	140 m 459.318 ft
Optical Specifications	

Fiber Type

OM4, LazrSPEED® 550 | OM4, LazrSPEED® 550

Environmental Specifications

Installation temperature

Operating Temperature

-30 °C to +70 °C (-22 °F to +158 °F) -40 °C to +70 °C (-40 °F to +158 °F)

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Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)	
Cable Qualification Standards	ANSI/ICEA S-104-696 EN 187105 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	-2 °C 28.4 °F
Cable Freeze Test Method	FOTP-98 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	-30 °C to +60 °C (-22 °F to +140 °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

292 kg/km | 196.215 lb/kft

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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

Included Products

CS-5K-LT

 LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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