760164756 | P-036-LZ-5L-F12BK/25D



Fiber indoor/outdoor cable, LazrSPEED®, Plenum Rated, Gel-Free, Stranded Loose Tube with Aluminum Interlocking Armor containing a Plenum Rated Outer Jacket, 36 fiber, Multimode OM3, Feet jacket marking, Black jacket color

Product Classification

PortfolioCommScope@Product TypeFiber indoor/outdoor cableProduct SeriesPLZGeneral SpecificationsInterlocking aluminumArmor TypeInterlocking aluminumGable TypeStranded loose tubeConstruction TypeArmoredSubunit TypeGel-freeFiller, quantity2Jacket ColorBlackSubunit, quantity3Fiber Subunit, quantity12Total Fiber Count36	Regional Availability	Asia Australia/New Zealand Latin America Middle East /Africa North America	
Product SeriesPLZGeneral SpecificationsInterlocking aluminumArmor TypeInterlocking aluminumCable TypeStranded loose tubeConstruction TypeArmoredSubunit TypeGel-freeFiler, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Filer, parameter12	Portfolio	CommScope®	
Ceneral SpecificationsArmor TypeInterlocking aluminumCable TypeStranded loose tubeConstruction TypeArmoredSubunit TypeGel-freeFiller, quantity2Jacket ColorBlackJacket MarkingFeeSubunit, quantity3Filler, quantity3Subunit, quantity3	Product Type	Fiber indoor/outdoor cable	
Armor TypeInterlocking aluminumCable TypeStrandeloose tubeConstruction TypeArmoredSubunit TypeGel-freeFiller, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Filer, spen Subunit, quantity12	Product Series	P-LZ	
Cable TypeStranded loose tubeConstruction TypeArmoredSubunit TypeGel-freeFiller, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	General Specifications		
Construction TypeArmoredSubunit TypeGel-freeFiller, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	Armor Type	Interlocking aluminum	
Subunit TypeGel-freeFiller, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	Cable Type	Stranded loose tube	
Filler, quantity2Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	Construction Type	Armored	
Jacket ColorBlackJacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	Subunit Type	Gel-free	
Jacket MarkingFeetSubunit, quantity3Fibers per Subunit, quantity12	Filler, quantity	2	
Subunit, quantity3Fibers per Subunit, quantity12	Jacket Color	Black	
Fibers per Subunit, quantity 12	Jacket Marking	Feet	
	Subunit, quantity	3	
Total Fiber Count 36	Fibers per Subunit, quantity	12	
	Total Fiber Count	36	
Dimensions	Dimensions		
Buffer Tube/Subunit Diameter2.5 mm 0.098 in	Buffer Tube/Subunit Diameter	2.5 mm 0.098 in	
Diameter Over Armor 15.9 mm 0.626 in	Diameter Over Armor	15.9 mm 0.626 in	
Diameter Over Jacket 17.9 mm 0.705 in	Diameter Over Jacket	17.9 mm 0.705 in	

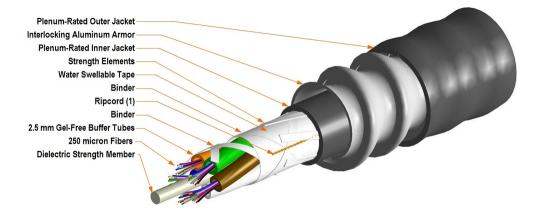
Representative Image

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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	144 m 472.441 ft
Optical Specifications	

Fiber Type

OM3, LazrSPEED® 300 | OM3, LazrSPEED® 300

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 Penentration	24 h	
Water Penentration 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

283 kg/km | 190.167 lb/kft

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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

Included Products

CS-5L-LT

 LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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