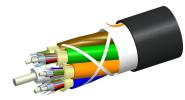
# 760238378 | P-072-0D-5G-FMUBK



Fiber Indoor/Outdoor cable, LazrSPEED®, Plenum Distribution Cable, 72 fiber multi-unit with 12 fiber subunits, Gel-free, Multimode OM5, Feet jacket marking, Black jacket color

### Product Classification

PortfolioCommScope®Product TypeFiber indoor/outdoor cableProduct SeriesP-ODGeneral SpecificationsStributionCable TypeDistributionConstruction TypeObserverSubunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit, quantity12Fotal Fiber Count72DimensionsSuburit 102Buffer Tube/Subunit Diameter6.9 mm 1 0.272 inDiameter Over Jacket23 7 mm 1 0.933 in	Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America
Product SeriesPoDGeneral SpecificationsForCable TypeDistributionConstruction TypeMon-armoredSubunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Court72DimensionsEuse of the section of the	Portfolio	CommScope®
General SpecificationsCable TypeDistributionConstruction TypeNon-armoredSubunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72DimensionsSupport 10, 272 in	Product Type	Fiber indoor/outdoor cable
Cable TypeDistributionConstruction TypeNon-armoredSubunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit quantity6Fibers per Subunit quantity12Total Fiber Court72DimensionsSent Jacket MarkingBuffer Tube/Subunit Diameter6.9 mm J 0.272 in	Product Series	P-OD
Construction TypeNon-armoredSubunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72DimensionsSeman Lange Subunit, DiameterBuffer Tube/Subunit Diameter6.9 mm 1 0.272 in	General Specifications	
Subunit TypeGel-freeJacket ColorBlackJacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72DimensionsSubunit (Subunit Diameter)Buffer Tube/Subunit Diameter6.9 mm ( 0.272 in)	Cable Type	Distribution
Jacket ColorBlackJacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72Dimensions6Buffer Tube/Subunit Diameter6.9 mm   0.272 in	Construction Type	Non-armored
Jacket MarkingFeetSubunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72Dimensions	Subunit Type	Gel-free
Subunit, quantity6Fibers per Subunit, quantity12Total Fiber Count72Dimensions9Buffer Tube/Subunit Diameter6.9 mm   0.272 in	Jacket Color	Black
Fibers per Subunit, quantity12Total Fiber Count72Dimensions6.9 mm   0.272 in	Jacket Marking	Feet
Total Fiber Count72Dimensions6.9 mm   0.272 in	Subunit, quantity	6
DimensionsBuffer Tube/Subunit Diameter6.9 mm   0.272 in	Fibers per Subunit, quantity	12
Buffer Tube/Subunit Diameter6.9 mm   0.272 in	Total Fiber Count	72
	Dimensions	
Diameter Over Jacket 23.7 mm   0.933 in	Buffer Tube/Subunit Diameter	6.9 mm   0.272 in
	Diameter Over Jacket	23.7 mm   0.933 in

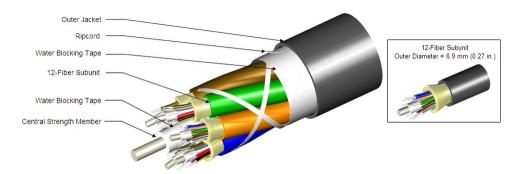
### Representative Image

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# Mechanical Specifications

Minimum Bend Radius, loaded	355 mm   13.976 in
Minimum Bend Radius, unloaded	237 mm   9.331 in
Tensile Load, long term, maximum	1335 N   300.12 lbf
Tensile Load, short term, maximum	4450 N   1,000.4 lbf
Compression	22 N/mm   125.623 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	100 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	5.88 N-m   52.042 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	256 m   839.895 ft
Optical Specifications	
Fiber Type	OM5, LazrSPEED® wideband   OM5, LazrSPEED® wideband

## **Environmental Specifications**

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)

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Cable Qualification Standards	ANSI/ICEA S-104-696   Telcordia GR-20 (water penetration)   Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (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

532 kg/km | 357.487 lb/kft

### Regulatory Compliance/Certifications

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

#### Included Products

CS-5G-TB – LazrSPEED® OM5 WideBand Multimode Fiber

#### \* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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