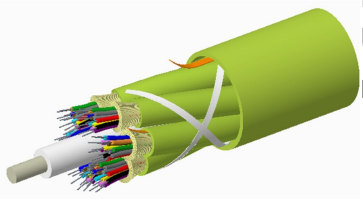
760229450 | P-096-DS-5G-FMULM



Fiber indoor cable, LazrSPEED® Plenum Distribution, 96-Fiber Multi-Unit with 12-Fiber Subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime green jacket color

Product Classification

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

General Specifications

Cable Type	Distribution
Construction Type	Non-armored
Fiber Type, quantity	96
Fibers per Subunit, quantity	12
Jacket Color	Lime green
Jacket Marking	Feet
Subunit Type	Gel-free
Subunit, quantity	8
Total Fiber Count	96

Dimensions

Buffer Tube/Subunit Diameter	5.77 mm | 0.227 in
Diameter Over Jacket	22.91 mm | 0.902 in

Representative Image

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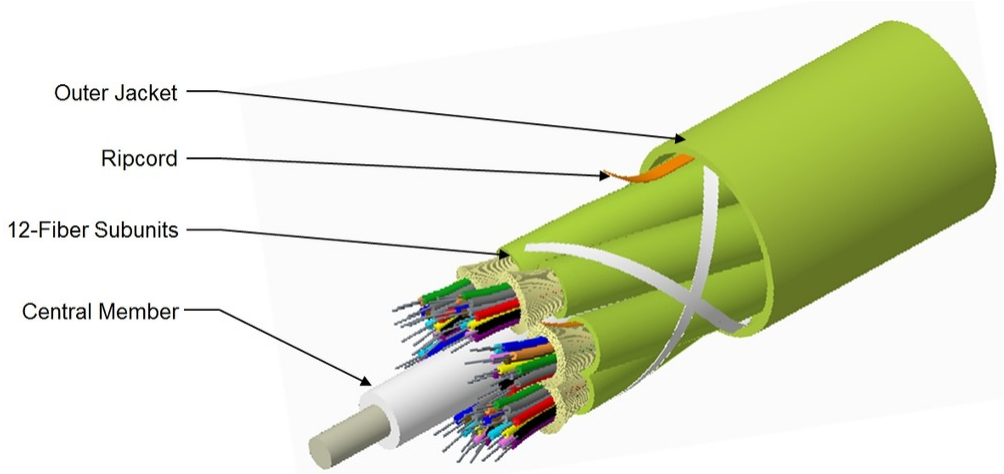
760229450 | P-096-DS-5G-FMULM



Mechanical Specifications

Minimum Bend Radius, loaded	344 mm | 13.543 in
Minimum Bend Radius, unloaded	229 mm | 9.016 in
Tensile Load, long term, maximum	400 N | 89.924 lbf
Tensile Load, short term, maximum	1335 N | 300.12 lbf
Compression	10 N/mm | 57.101 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	76 m | 249.344 ft

Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband | OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)

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Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 | Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130 | NFPA 262

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-37 | IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight	537 kg/km | 360.847 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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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