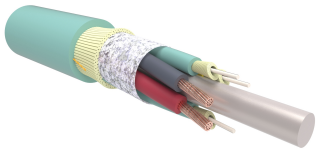
760250286 | P-004-DS-HY-5L-F29AQ/2X12AWG



LazrSPEED® Plenum Hybrid Distribution Cable, 4 simplex single fiber, 2 conductor 12 AWG, OM3 Bend Insensitive

OBSOLETE

This product was discontinued on: May 26, 2022

Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Type	Hybrid cable, copper and fiber
Product Brand	LazrSPEED®

General Specifications

Cable Type	Distribution | Hybrid | Stranded indoor
Conductor Type, singles	Stranded
Conductors, quantity	4
Construction Type	Non-armored
Fiber Short Description	P-001-SP29
Subunit Type	Gel-free
Filler, quantity	0
Jacket Color	Aqua
Subunit Jacket Color	Aqua
Subunit, quantity	4
Fibers per Subunit, quantity	1
Total Fiber Count	4

Dimensions

Buffer Tube/Subunit Diameter	2.794 mm | 0.11 in

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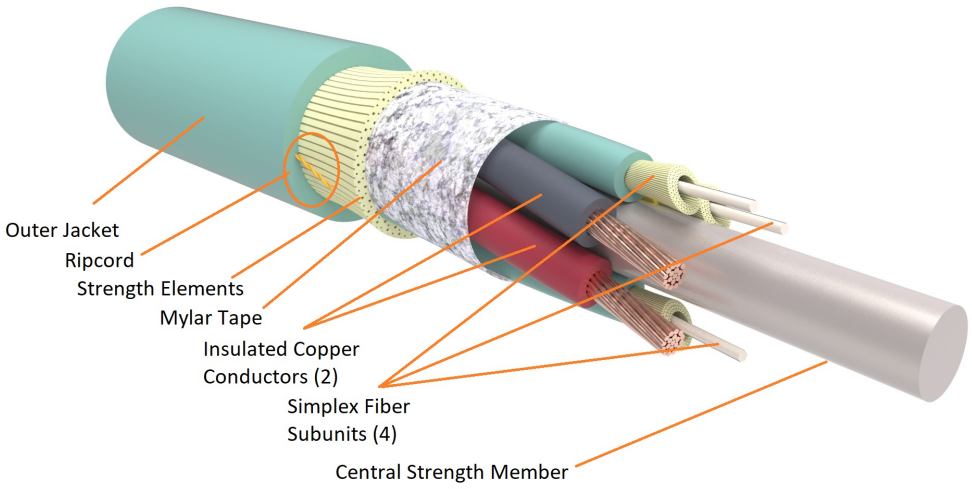
760250286 | P-004-DS-HY-5L-F29AQ/2X12AWG

Diameter Over Jacket	10.668 mm | 0.42 in
Jacket Thickness	0.762 mm | 0.03 in
Conductor Gauge	12 AWG

Electrical Specifications

Conductor dc Resistance	5.413 ohms/km | 1.65 ohms/kft

Representative Image



Material Specifications

Conductor Material	Bare copper | Stranded copper wire
Insulation Material, singles	PVC
Jacket Material	Fire retardant PVC
Ripcord Material	Polyester

Mechanical Specifications

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Minimum Bend Radius, loaded	159.004 mm | 6.26 in
Minimum Bend Radius, unloaded	105.918 mm | 4.17 in
Tensile Load, long term, maximum	275.79 N | 62 lbf
Tensile Load, short term, maximum	911.885 N | 205 lbf
Compression	1.018 kg/mm | 57 lb/in
Compression Test Method	FOTP-41
Flex	25 cycles
Flex Test Method	FOTP-104
Impact	2.17 ft lb | 2.942 N-m
Impact Test Method	FOTP-25
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33
Twist	10 cycles
Twist Test Method	FOTP-85
Vertical Rise, maximum	169.774 m | 557 ft

Optical Specifications

Fiber Type	OM3, LazrSPEED® | OM3, bend insensitive

Environmental Specifications

Installation temperature	0 °C to +70 °C (-32 °F to +158 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 | Telcordia GR-409 | UL 13 | UL 444
Environmental Space	Plenum | Wireless installation
Flame Test Listing	NEC CL3P-OF (ETL) and c(ETL) | NEC CMP-OF (ETL) and c(ETL)
Flame Test Method	NFPA 262

Environmental Test Specifications

Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3

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Packaging and Weights

Cable weight	164.293 kg/km | 110.4 lb/kft

Included Products

CS-5L-TB	–	LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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