

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber drop cable
Government Requirements	Build America Buy America (BABA) compliant*

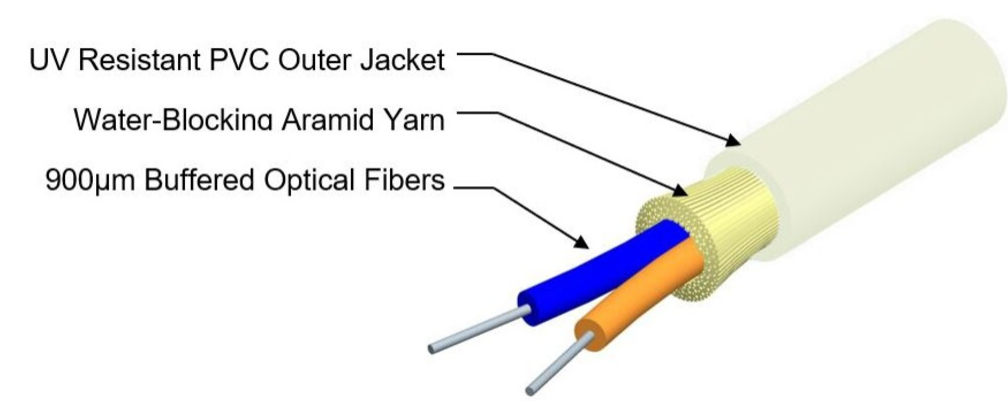
General Specifications

Cable Type	Drop
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Ivory
Jacket Marking	Feet
Location of Manufacturing	Catawba, North Carolina Claremont, North Carolina
Total Fiber Count	2

Dimensions

Diameter Over Jacket	3.5 mm 0.138 in
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Representative Image



Material Specifications

Jacket Material	PVC
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Mechanical Specifications

Minimum Bend Radius, loaded	4 mm 0.157 in
Minimum Bend Radius, unloaded	4 mm 0.157 in
Tensile Load, long term, maximum	93 N 20.907 lbf
Tensile Load, short term, maximum	311 N 69.916 lbf
Compression	3.5 N/mm 19.986 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	0.74 N-m 6.55 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	500 m 1,640.42 ft

Optical Specifications

Fiber Type	G.657.B3
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Environmental Specifications

Installation temperature	-5 °C to +60 °C (+23 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596
Environmental Space	Drop Indoor/Outdoor Riser Sunlight resistant
Flame Test Listing	NEC OFNR (ETL) and c(ETL) UL 1666
Flame Test Method	FT4 UL 1666
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Low High Bend	0 °C to +60 °C (+32 °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	12.54 kg/km 8.426 lb/kft
Packaging Type	Reel in box

Included Products

CS-8H-TB	–	Ultra Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G. 657.B3)
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable