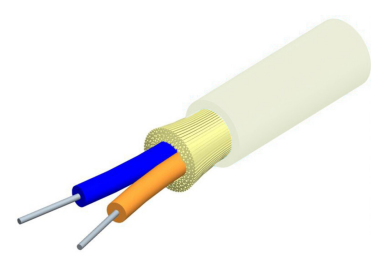# 810010528/DB | P-002-IC-8H-F35IV/RNB

Fiber indoor cable, Plenum 3.5mm Interconnect, 2 fiber single-unit, Singlemode G.657.B3, Feet jacket marking, Ivory 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-IC

General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Ivory
Jacket Marking	Feet
Jacket Marking Method	Inkjet
Total Fiber Count	2

Dimensions

Diameter Over Jacket	3.5 mm	0.138 in

Representative Image

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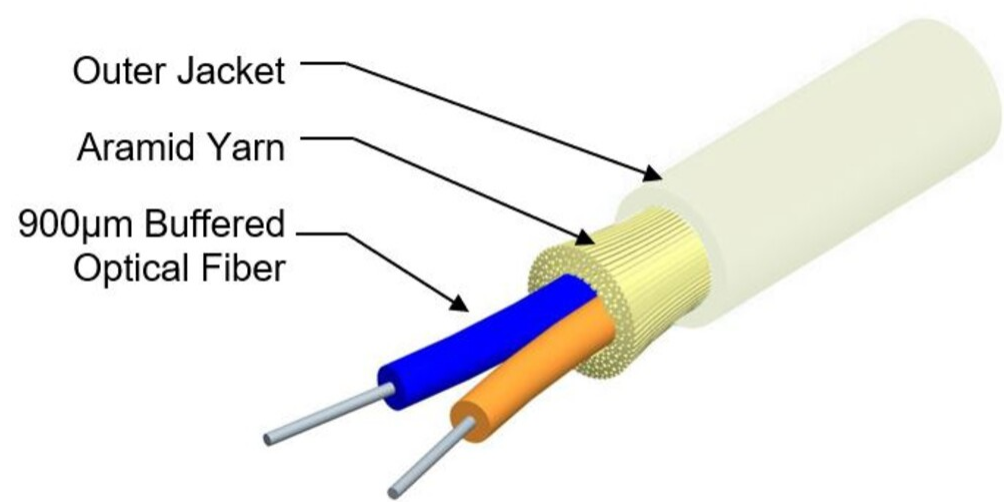
Mechanical Specifications

Minimum Bend Radius, loaded	8 mm	0.315 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

Environmental Specifications

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Installation temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Operating Temperature	-5 °C to +70 °C (+23 °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

Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37	IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3	IEC 60794-1 F1

Packaging and Weights

Cable weight	13.1 kg/km	8.803 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)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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