2160164-1　|　L-002-DN-8F-M01WH/AY/D

Fiber indoor/outdoor drop cable, FTTH, 2 Fiber, Singlemode G.657.A1, Gel-free, Meters jacket marking, White jacket color, Dca flame rating

Product Classification

Regional Availability	Asia　|　Australia/New Zealand　|　EMEA　|　North America
Portfolio	CommScope®
Product Type	Fiber drop cable
Product Series	L-DN

General Specifications

Cable Type	Drop　|　Semi-tight buffer
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	White
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB SMF G657A MACL9/125 S LSZH EN50575 CLASS Dca [Serial NUMBER] [METRE MARK]
Subunit, quantity	1
Fibers per Subunit, quantity	1
Total Fiber Count	2

Dimensions

Cable Length	2,000 m　|　6,561.68 ft
Buffer Tube/Subunit Diameter	0.9 mm　|　0.035 in
Diameter Over Jacket	4 mm　|　0.157 in

Representative Image

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2160164-1 | L-002-DN-8F-M01WH/AY/D

ULSZH UV Stabilised Jacket
Aramid Yarn Strength Elements
GRP strength Member
Buffered Fibres
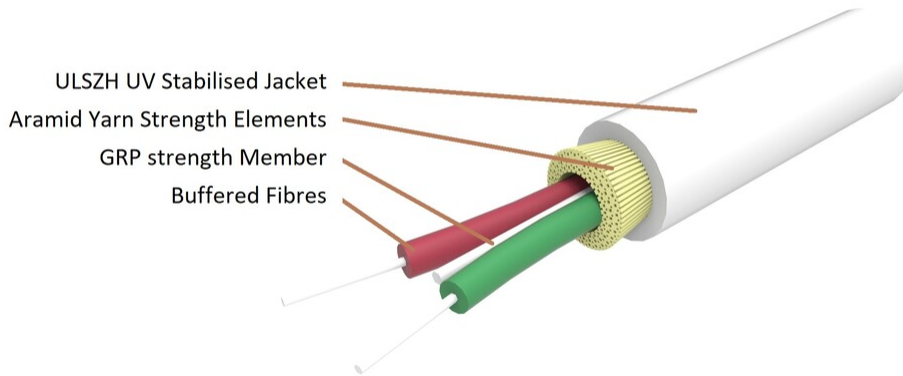
Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, unloaded	60 mm	2.362 in
Tensile Load, long term, maximum	600 N	134.885 lbf
Tensile Load, short term, maximum	1200 N	269.771 lbf
Compression	20 N/mm	114.203 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	5 N-m	44.254 in lb
Impact Test Method	IEC 60794-1 E4
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.657.A1

Environmental Specifications

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)

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Storage Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Drop	Ducted	Façade	Indoor/Outdoor	UV resistant for outdoor and Low Smoke Zero Halogen
Jacket UV Resistance	UV stabilized
Water Penentration	24 h
Water Penentration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-30 °C to +60 °C (-22 °F to +140 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	20 kg/km	13.439 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-8F-TB	–	Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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