

All-Dielectric Indoor/Outdoor Drop Cable, 1 fiber Tight Buffer construction, riser, drop all-dielectric

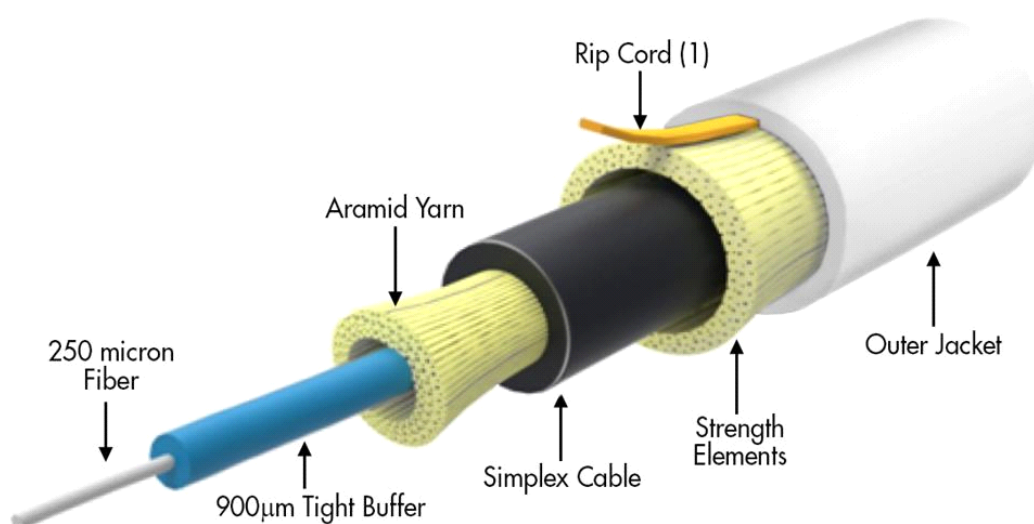
Product Classification

Portfolio	CommScope®
Product Type	Fiber drop cable
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Standards And Qualifications

Cable Qualification Standards	ANSI/ICEA S-110-717
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Representative Image



General Specifications

Cable Type	Drop
Construction Type	Non-armored
Subunit Type	Gel-free

Construction Materials

Fiber Type Solution	G.657.A2/B2
Total Fiber Count	1

Fiber Type	G.657.A2/B2
Fiber Type, quantity	1
Fibers per Subunit, quantity	1
Jacket Color	White
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	1.80 mm 0.07 in
Cable Weight	23.0 lb/kft 34.0 kg/km
Diameter Over Jacket	4.25 mm 0.17 in
Subunit, quantity	1

Physical Specifications

Minimum Bend Radius, loaded	6.4 cm 2.5 in
Minimum Bend Radius, unloaded	4.3 cm 1.7 in
Tensile Load, long term, maximum	180 N 40 lbf
Tensile Load, short term, maximum	601 N 135 lbf
Vertical Rise, maximum	1769.0 ft 539.0 m

Flame Test Specifications

Flame Test Listing	NEC OFNR (ETL) and c(ETL)
Flame Test Method	CSA FT4 IEEE 1202 UL 1666

Environmental Specifications

Environmental Space	Riser
Installation Temperature	-10 °C to +60 °C (+14 °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)

Mechanical Test Specifications

Compression	10 N/mm 57 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	35 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	2.16 ft lb 2.94 N-m
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
Water Penetration	24 h
Water Penetration Test Method	FOTP-82 IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze	-2 °C 28 °F
Cable Freeze Test Method	FOTP-98 IEC 60794-1 F15
Drip	70 °C 158 °F
Drip Test Method	FOTP-81 IEC 60794-1 E14
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °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

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



Included Products

CS-8G-TB (Product Component—not orderable) — Enhanced Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber (ITU-T G.657.A2, B2)

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable