



Outdoor dual sheathed drop cable with indoor element (Cca class for subunit only)

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | North America

Portfolio

CommScope®

Product Type

Fiber drop cable

General Specifications

Cable Type

Tight buffer

Construction Type

Breakout | Non-armored

Fibers per Subunit, quantity

1

Inner Jacket Color

White

Jacket Color

Black

Subunit Type

Gel-free

Total Fiber Count

1

Dimensions

Cable Length

999.744 m | 3280 ft

Buffer Tube/Subunit Diameter

2 mm | 0.079 in

Diameter Over Jacket

5 mm | 0.197 in

Mechanical Specifications

Minimum Bend Radius, loaded

5 cm | 1.969 in

Tensile Load, long term, maximum

260 N | 58.45 lbf

Tensile Load, short term, maximum

800 N | 179.847 lbf

Compression

3000000 N/mm | 17,130,442 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

See long and short term tensile loads

Strain Test Method

IEC 60794-1 E1

Twist

10 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

Fiber Type G.657.A2

Environmental Specifications

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)

Cable Qualification Standards IEC 60794-1-2

EN50575 CPR Cable EuroClass Fire Performance Cca

EN50575 CPR Cable EuroClass Smoke Rating s1a

EN50575 CPR Cable EuroClass Droplets Rating d0

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Outdoor

Jacket UV Resistance UV stabilized

Packaging and Weights

Cable weight 23 kg/km | 15.455 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



Included Products

CS-8G-TB – 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