

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



## Product Classification

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

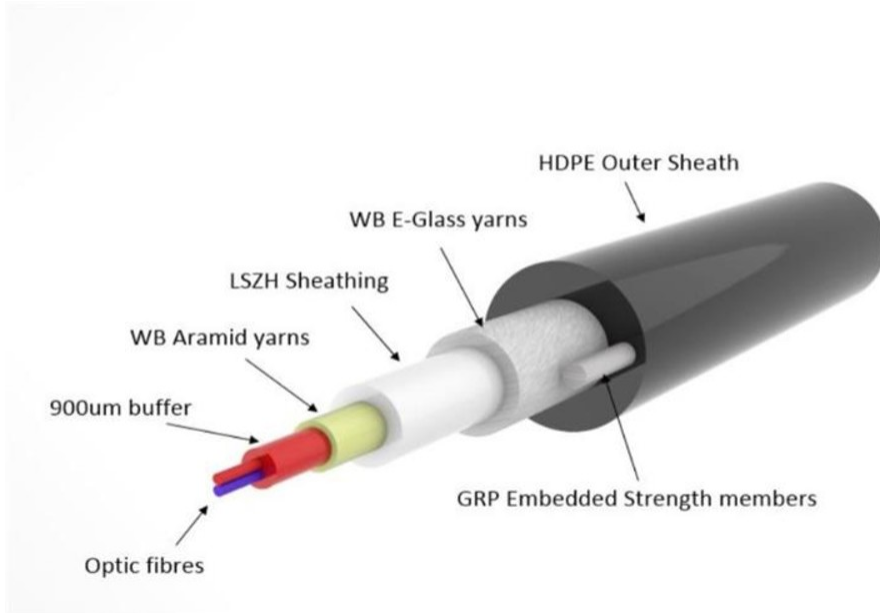
## General Specifications

<b>Cable Type</b>	Central loose tube   Drop   Tight buffer
<b>Construction Type</b>	Breakout   Non-armored
<b>Fibers per Subunit, quantity</b>	2
<b>Inner Jacket Color</b>	White
<b>Jacket Color</b>	Black
<b>Subunit Type</b>	Gel-free
<b>Subunit, quantity</b>	1
<b>Total Fiber Count</b>	2

## Dimensions

<b>Cable Length</b>	1,999.793 m   6561 ft
<b>Buffer Tube/Subunit Diameter</b>	2 mm   0.079 in
<b>Diameter Over Jacket</b>	5 mm   0.197 in

## Representative Image



## Material Specifications

<b>Jacket Material</b>	High density polyethylene (HDPE)
<b>Inner Jacket Material</b>	Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	5 cm   1.969 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	880 N   197.832 lbf
<b>Compression</b>	20 N/mm   114.203 lb/in
<b>Compression Test Method</b>	IEC 60794-1 E3
<b>Impact</b>	7 N-m   61.955 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	IEC 60794-1 E1
<b>Twist</b>	5 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.657.A2
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## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Operating Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	IEC 60794-1-2
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1a
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d0
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Outdoor
<b>Jacket UV Resistance</b>	UV stabilized
<b>Water Penetration</b>	24 h
<b>Water Penetration Test Method</b>	IEC 60794-1 F5

## Environmental Test Specifications

<b>Temperature Cycle</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1-22 F1

## Packaging and Weights

<b>Cable weight</b>	23 kg/km   15.455 lb/kft
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## 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