

Fiber Indoor/Outdoor Drop Cable, FTTH, 2 fibers, Singlemode, G.657.A2, Gel-free, Meters jacket marking, Yellow jacket color, Dca Flame Rating

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

## Product Classification

<b>Regional Availability</b>	Asia   EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor/outdoor cable
<b>Product Series</b>	C-DN

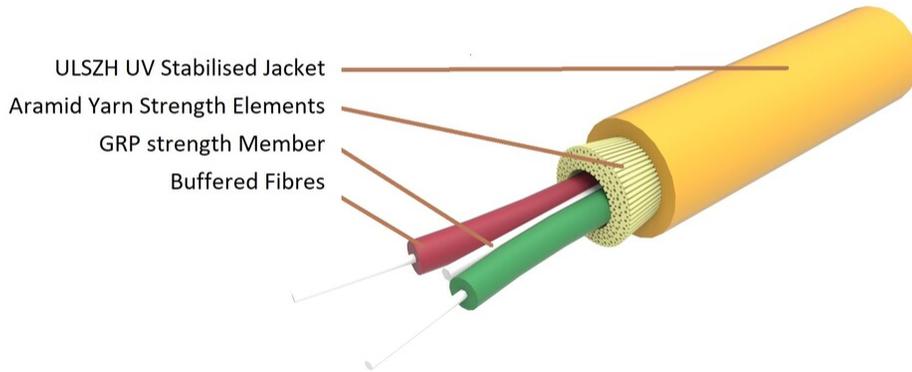
## General Specifications

<b>Cable Type</b>	Drop   Semi-tight buffer
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Strength Members</b>	Central fiber reinforced polymer (FRP) rod
<b>Subunit, quantity</b>	2
<b>Fibers per Subunit, quantity</b>	1
<b>Total Fiber Count</b>	2
<b>Buffer Type</b>	Semi-tight

## Dimensions

<b>Cable Length</b>	1000 m   3,280.84 ft
<b>Buffer Tube/Subunit Diameter</b>	0.9 mm   0.035 in
<b>Diameter Over Jacket</b>	4 mm   0.157 in

## Representative Image



## Material Specifications

**Inner Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

**Minimum Bend Radius, loaded** 100 mm | 3.937 in  
**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  
**Twist** 5 cycles  
**Twist Test Method** IEC 60794-1 E7

## Optical Specifications

**Fiber Type** G.657.A2, TeraSPEED®

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.50 dB/km @ 1,310 nm | 0.50 dB/km @ 1,550 nm  
**Standards Compliance** IEC 60794-1 | ITU-T G.657.A2

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Storage Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)
<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>	Drop   Low Smoke Zero Halogen (LSZH)
<b>Water Penetration</b>	24 h

## Environmental Test Specifications

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

## Packaging and Weights

<b>Cable weight</b>	16.3 kg/km   10.953 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)
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## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable