

Outdoor dual sheathed drop cable with indoor element (Dca 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

Central loose tube | Drop | Tight buffer

### Construction Type

Breakout | Non-armored

### Fibers per Subunit, quantity

4

### Inner Jacket Color

White

### Jacket Color

Black

### Subunit Type

Gel-free

### Subunit, quantity

1

### Total Fiber Count

2

## Dimensions

### Cable Length

1,999.793 m | 6561 ft

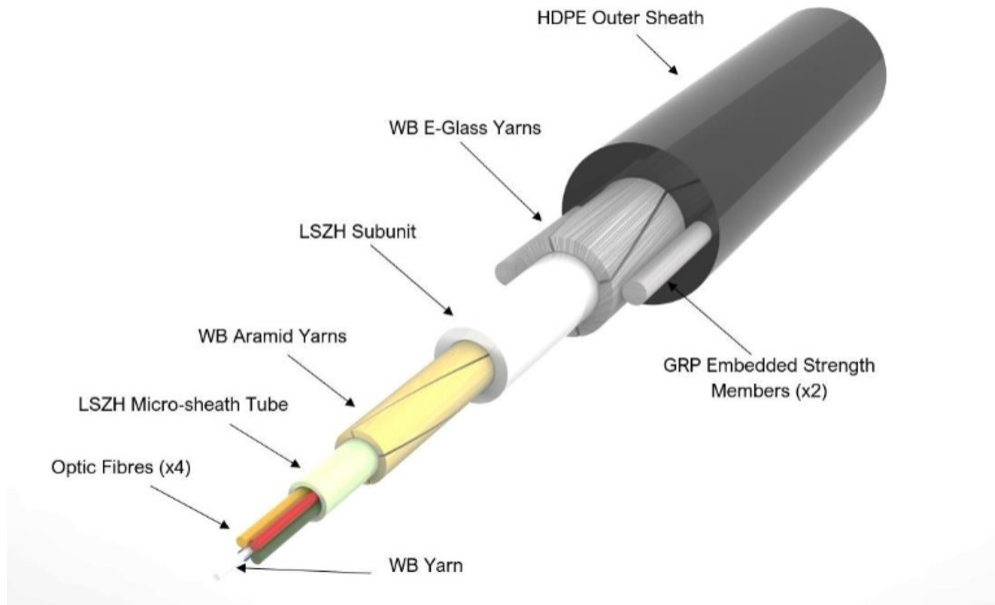
### Buffer Tube/Subunit Diameter

4 mm | 0.157 in

### Diameter Over Jacket

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>	300 N/mm   1,713.044 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>	10 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.652.D and G.657.A1 , TeraSPEED®
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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>	168 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-8W-LT — TeraSPEED® OS2 Singlemode Fiber

## \* Footnotes

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