



3mm Indoor Drop Cable, 1 semi tight bufferd fiber, Singlemode, G.657.A2, Gel-free Ivory jacket color, B2ca Flame Rating

## Product Classification

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

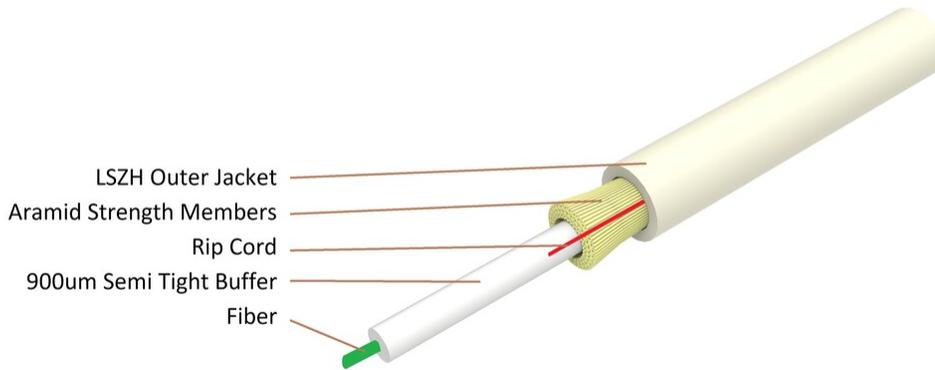
## General Specifications

<b>Cable Type</b>	Drop   Semi-tight buffer
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Ivory
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Subunit, quantity</b>	1
<b>Fibers per Subunit, quantity</b>	1
<b>Total Fiber Count</b>	1

## Dimensions

<b>Cable Length</b>	2,000 m   6,561.68 ft
<b>Buffer Tube/Subunit Diameter</b>	0.9 mm   0.035 in
<b>Diameter Over Jacket</b>	3 mm   0.118 in

## Representative Image



## Material Specifications

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

## Mechanical Specifications

**Minimum Bend Radius, loaded** 15 mm | 0.591 in  
**Minimum Bend Radius, unloaded** 7.5 mm | 0.295 in  
**Tensile Load, long term, maximum** 450 N | 101.164 lbf  
**Tensile Load, short term, maximum** 1000 N | 224.809 lbf  
**Compression** 15 N/mm | 85.652 lb/in  
**Compression Test Method** IEC 60794-1 E3  
**Impact** 2 N-m | 17.701 in lb  
**Impact Test Method** IEC 60794-1 E4  
**Strain Test Method** IEC 60794-1 E1  
**Twist** 5 cycles  
**Twist Test Method** IEC 60794-1 E7

## Optical Specifications

**Fiber Type** G.657.A2, TeraSPEED®

## Environmental Specifications

# 2160895-3 | POC-2160895-3-EMEA

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<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>Cable Qualification Standards</b>	IEC 60794-1-2
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	B2ca
<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>	a2
<b>Environmental Space</b>	Drop   Ducted   Façade   Indoor/Outdoor   UV resistant for outdoor and Low Smoke Zero Halogen
<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>	-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>	7.9 kg/km   5.309 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