

Fiber indoor/outdoor cable, LightScope ZWP®, gel-filled, loose tube, 24-fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, Eca flame rating

## OBSOLETE

This product was discontinued on: March 31, 2023

## Product Classification

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

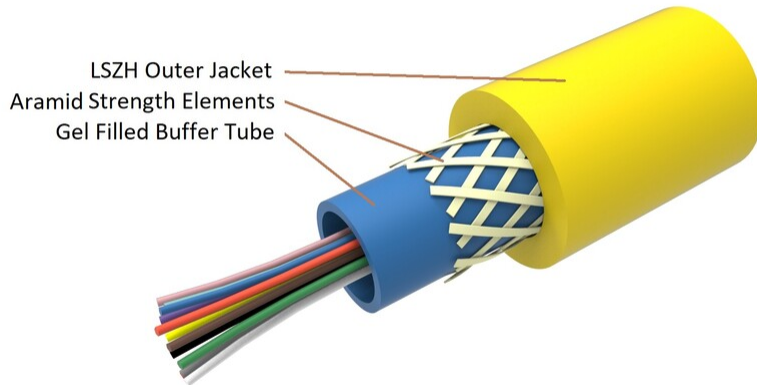
## General Specifications

<b>Cable Type</b>	Loose tube
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-filled
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Subunit, quantity</b>	1
<b>Fibers per Subunit, quantity</b>	24
<b>Total Fiber Count</b>	24

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Buffer Tube/Subunit Diameter</b>	4 mm   0.157 in
<b>Diameter Over Jacket</b>	8 mm   0.315 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	110 mm   4.331 in
<b>Minimum Bend Radius, unloaded</b>	60 mm   2.362 in
<b>Tensile Load, long term, maximum</b>	1000 N   224.809 lbf
<b>Tensile Load, short term, maximum</b>	1300 N   292.252 lbf
<b>Compression</b>	30 N/mm   171.304 lb/in
<b>Compression Test Method</b>	IEC 60794-1-2 E3
<b>Impact</b>	20 N-m   177.015 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4

## Optical Specifications

<b>Fiber Type</b>	OS2
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## Optical Specifications, Wavelength Specific

<b>Standards Compliance</b>	IEC 60794-1   TIA-492CAAB (OS2)
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## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)

<b>Storage Temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Eca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d2
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)
<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 +70 °C (-22 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1-2 F1

## Packaging and Weights

<b>Cable weight</b>	74 kg/km   49.726 lb/kft
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## Included Products

DB-8W-LT – LightScope ZWP® Singlemode  
Fiber

## \* Footnotes

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