

Fiber indoor/outdoor cable, LightScope ZWP® , Gel-Filled loose tube, 12 fiber, Singlemode G.652.D, Meters jacket marking, Yellow jacket color, Eca flame rating. Provides Rodent Resistance

## 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

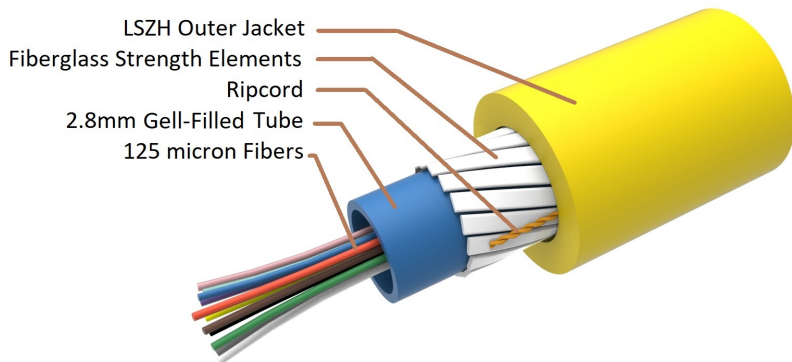
## General Specifications

<b>Cable Type</b>	Loose tube
<b>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>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Cable Length</b>	1000 m   3,280.84 ft
<b>Buffer Tube/Subunit Diameter</b>	2.8 mm   0.11 in
<b>Diameter Over Jacket</b>	6.4 mm   0.252 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	130 mm   5.118 in
<b>Minimum Bend Radius, unloaded</b>	130 mm   5.118 in
<b>Tensile Load, long term, maximum</b>	650 N   146.126 lbf
<b>Tensile Load, short term, maximum</b>	1000 N   224.809 lbf
<b>Cable Crush Resistance, maximum</b>	20 N/mm   114.203 lb/in
<b>Compression Test Method</b>	IEC 60794-1-2 E3
<b>Impact</b>	5 N-m   44.254 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4
<b>Twist</b>	5 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	G.652.D   OS2
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.35 dB/km @ 1,300 nm   0.35 dB/km @ 1,550 nm   0.45 dB/km @ 1,310 nm
<b>Standards Compliance</b>	IEC 60794-1   TIA-492CAAB (OS2)

## Environmental Specifications

<b>Installation temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Storage Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Eca
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

<b>Cable weight</b>	40 kg/km   26.879 lb/kft
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## \* Footnotes

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