



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 8-fiber, Singlemode OS2, Gel-free, black

## 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-free
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	8
<b>Total Fiber Count</b>	8

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Diameter Over Jacket</b>	6.4 mm   0.252 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	139.7 mm   5.5 in
<b>Minimum Bend Radius, unloaded</b>	129.5 mm   5.098 in
<b>Tensile Load, long term, maximum</b>	400 N   89.924 lbf
<b>Tensile Load, short term, maximum</b>	500 N   112.405 lbf

## Optical Specifications

<b>Fiber Type</b>	OS2
-------------------	-----

## 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

**Standards Compliance**

IEC 60794-1 | TIA-492CAAB (OS2)

## Environmental Specifications

**Installation temperature**

-5 °C to +50 °C (+23 °F to +122 °F)

**Operating Temperature**

-10 °C to +60 °C (+14 °F to +140 °F)

**Storage Temperature**

-10 °C to +60 °C (+14 °F to +140 °F)

**EN50575 CPR Cable EuroClass Fire Performance**

Dca

**EN50575 CPR Cable EuroClass Smoke Rating**

s2

**EN50575 CPR Cable EuroClass Droplets Rating**

d2

**EN50575 CPR Cable EuroClass Acidity Rating**

a1

**Environmental Space**

Low Smoke Zero Halogen (LSZH) | Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

**Cable weight**

42 kg/km | 28.223 lb/kft

## \* Footnotes

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