



Fiber Optic Cable, 48-fiber, OS2, yellow

## 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-LN

## General Specifications

<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-free
<b>Filler, quantity</b>	4
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	48

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Diameter Over Jacket</b>	11.5 mm   0.453 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	228.6 mm   9 in
<b>Minimum Bend Radius, unloaded</b>	170.2 mm   6.701 in
<b>Tensile Load, long term, maximum</b>	600 N   134.885 lbf
<b>Tensile Load, short term, maximum</b>	996 N   223.91 lbf

# 2-599605-4 | C-048-LN-8W-M12YL/28D/AY/D

## Optical Specifications

**Fiber Type** G.652.D and G.657.A1, TeraSPEED® | OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.22 dB/km @ 1,550 nm | 0.31 dB/km @ 1,385 nm | 0.34 dB/km @ 1,310 nm

**Standards Compliance** TIA-492CAAB (OS2)

## Environmental Specifications

**Installation temperature** -5 °C to +50 °C (+23 °F to +122 °F)

**Operating Temperature** -10 °C to +70 °C (+14 °F to +158 °F)

**Storage Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

**EN50575 CPR Cable EuroClass Fire Performance** Eca

**Environmental Space** Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

**Cable weight** 105 kg/km | 70.557 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

CS-8W-IOLT - TeraSPEED® OS2 Singlemode Fiber

## \* Footnotes

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