

# 4-599148-6

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Fiber Optic Cable, 12-fiber, 1 x 12, OM2 plus, ULSZH, orange

**OBSOLETE**

This product was discontinued on: June 13, 2018

## 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-DS

## General Specifications

<b>Cable Type</b>	Tight buffer
<b>Jacket Color</b>	Orange
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	12

## Dimensions

<b>Cable Length</b>	4000 m   13,123.36 ft
<b>Diameter Over Jacket</b>	7.5 mm   0.295 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	115 mm   4.528 in
<b>Minimum Bend Radius, unloaded</b>	75 mm   2.953 in
<b>Tensile Load, long term, maximum</b>	600 N   134.885 lbf
<b>Tensile Load, short term, maximum</b>	1000 N   224.809 lbf

## Optical Specifications

<b>Fiber Type</b>	OM2+
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.70 dB/km @ 1,300 nm
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## Standards Compliance

IEC 60794-1 | TIA-492AAAB (OM2)

## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d1
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

<b>Cable weight</b>	56 kg/km   37.63 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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



## \* Footnotes

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