

# 3-599145-7

Indoor/Outdoor Fiber Optic Cable, 6-fiber, 1 x 6, OM2 BIF, orange

OBSOLETE

This product was discontinued on: June 13, 2018

## Product Classification

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

## General Specifications

Cable Type	Tight buffer
Jacket Color	Orange
Jacket Marking	Meters
Fibers per Subunit, quantity	6
Total Fiber Count	6

## Dimensions

Cable Length	3000 m   9,842.52 ft
Diameter Over Jacket	6 mm   0.236 in

## Mechanical Specifications

Minimum Bend Radius, loaded	90 mm   3.543 in
Minimum Bend Radius, unloaded	60 mm   2.362 in
Tensile Load, long term, maximum	600 N   134.885 lbf
Tensile Load, short term, maximum	996 N   223.91 lbf

## Optical Specifications

Fiber Type	OM2, bend insensitive
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## Optical Specifications, Wavelength Specific

Attenuation, maximum	0.70 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
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Standards Compliance		IEC 60794-1   TIA-492AAAB (OM2)
Environmental Specifications		
Installation temperature		-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature		-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature		-20 °C to +70 °C (-4 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance		Dca
EN50575 CPR Cable EuroClass Smoke Rating		s2
EN50575 CPR Cable EuroClass Droplets Rating		d1
EN50575 CPR Cable EuroClass Acidity Rating		a1
Environmental Space		Universal Low Smoke Zero Halogen (ULSZH)
Flame Test Method		IEC 60332-1   IEC 60332-3   IEC 60754-1   IEC 61034-2

Packaging and Weights

Cable weight	33 kg/km   22.175 lb/kft
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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



\* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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