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

General Specifications

Cable Type	Tight buffer
Fibers per Subunit, quantity	6
Jacket Color	Orange
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

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.70 dB/km @ 1,300 nm | 3.50 dB/km @ 850 nm
Standards Compliance	IEC 60794-1 | TIA-492AAAB (OM2)

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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

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 www.commscope.com/ProductCompliance
ROHS	Compliant

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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