3-599148-3

Fiber Optic Cable, 12-fiber, OM3 BIF, 3000 m, aqua

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	12
Jacket Color	Aqua
Total Fiber Count	12

Dimensions

Cable Length	3000 m	9,842.52 ft
Diameter Over Jacket	7.5 mm	0.295 in

Mechanical Specifications

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

Optical Specifications

Fiber Type	OM3, bend insensitive

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.70 dB/km @ 1,300 nm
Standards Compliance	IEC 60794-1	TIA-492AAAC (OM3)

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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)

Packaging and Weights

Cable weight	56 kg/km	37.63 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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