2-599149-4

Fiber Optic Cable, 16-fiber, OS2, 2000 m, yellow

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OBSOLETE

This product was discontinued on: June 13, 2018

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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	Yellow
Jacket Marking	Meters
Total Fiber Count	16

Dimensions

Cable Length	2000 m | 6,561.68 ft
Diameter Over Jacket	7.5 mm | 0.295 in

Mechanical Specifications

Minimum Bend Radius, loaded	99.1 mm | 3.902 in
Minimum Bend Radius, unloaded	99.1 mm | 3.902 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	OS2

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.40 dB/km @ 1,300 nm | 0.40 dB/km @ 1,550 nm | 0.50 dB/km @ 1,310 nm
Standards Compliance	IEC 60794-1 | TIA-492CAAB (OS2)

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Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °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	46 kg/km	30.911 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
UK-ROHS	Compliant

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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