Indoor/Outdoor Fiber Optic Cable, 12-fiber, OFCP, ILJA, 50/125 μm XG

Product Classification

Bandwidth, OFL, minimum

PortfolioCommScope@Product TypeFiber indoor/outdoor cableProduct SeriesC-DSGeneral SpecificationsInterlocking aluminumCable TypeInterlocking aluminumCable TypeGel-freeJacket ColorBlackJacket ColorBlackJacket Marking12Total Fiber Soubunit quantity12Total Fiber Court12Dimensions14.2 mm 0.559 inMinimum Bend Radius, Jacaded98.1 mm 7.799 inMinimum Bend Radius, unloaded198.1 mm 7.799 inTensile Load, short term, maximum34.3 N 299.895 lbfOptical Specifications:Istan 7.799 inFiber TypeOM3Coptical Specifications:Signer Subunit JacadedPitter TypeImm 0.590 mm 0.500 mm	Regional Availability	Asia Latin America North America
Product SeriesC-DSGeneral SpecificationsInterlocking aluminumArmor TypeInterlocking aluminumCable TypeLoose tubeSubunit TypeGel-freeJacket ColorBlackJacket ColorDiackJacket MarkingMetersFibers per Subunit, quantity12Total Fiber Court12Dimensions14.2 mm 0.559 inDiameter Over Jacket14.2 mm 0.559 inMinimum Bend Radius, loaded324 mm 12.756 inMinimum Bend Radius, unloaded198.1 mm 7.799 inTensile Load, short term, maximum400 N 89.924 lbfTensile Load, short term, maximum1334 N 299.895 lbfFiber TypeOM3Optical Specifications, WartSpecificationsFiber Type0M3	Portfolio	CommScope®
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Optical SpecificationsFiber TypeOM3Optical Specifications, Wavelength Specific10 Gbps Ethernet Distance300 m @ 850 nm	Tensile Load, long term, maximum	400 N 89.924 lbf
Fiber TypeOM3Optical Specifications, Wavelength Specific10 Gbps Ethernet Distance300 m @ 850 nm	Tensile Load, short term, maximum	1334 N 299.895 lbf
Optical Specifications, Wavelength Specific 10 Gbps Ethernet Distance 300 m @ 850 nm	Optical Specifications	
10 Gbps Ethernet Distance300 m @ 850 nm	Fiber Type	OM3
	Optical Specifications, Wavelength Specific	
Attenuation, maximum 1.00 dB/km @ 1,300 nm 3.20 dB/km @ 850 nm	10 Gbps Ethernet Distance	300 m @ 850 nm
	Attenuation, maximum	1.00 dB/km @ 1,300 nm 3.20 dB/km @ 850 nm
Bandwidth, Laser, minimum2,000 MHz-km @ 850 nm	Bandwidth, Laser, minimum	2,000 MHz-km @ 850 nm

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1,500 MHz-km @ 850 nm | 500 MHz-km @ 1,300 nm



1777210-3

Standards Compliance

ANSI/TIA-568.B.1 | ANSI/TIA-568.B.2 | IEC 60793-2-10 | TIA-492AAAC (OM3)

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Plenum

Packaging and Weights

Cable weight

225 kg/km | 151.193 lb/kft

Regulatory Compliance/Certifications

AgencyClassificationCHINA-ROHSBelow maximum concentration valueREACH-SVHCCompliant as per SVHC revision on www.commscope.com/ProductComplianceROHSCompliantUK-ROHSCompliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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