

1777210-3

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

Product Classification

Regional Availability	Asia Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS

General Specifications

Armor Type	Interlocking aluminum
Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Diameter Over Jacket	14.2 mm 0.559 in
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Mechanical Specifications

Minimum Bend Radius, loaded	324 mm 12.756 in
Minimum Bend Radius, unloaded	198.1 mm 7.799 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1334 N 299.895 lbf

Optical Specifications

Fiber Type	OM3
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Optical Specifications, Wavelength Specific

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, minimum	2,000 MHz-km @ 850 nm
Bandwidth, OFL, minimum	1,500 MHz-km @ 850 nm 500 MHz-km @ 1,300 nm

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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
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Regulatory Compliance/Certifications

Agency	Classification
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