

Indoor/Outdoor Fiber Optic Cable, 24-fiber, OFCP, 50/125  $\mu$ m XG

## Product Classification

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

## General Specifications

<b>Armor Type</b>	Interlocking aluminum
<b>Cable Type</b>	Loose tube
<b>Fibers per Subunit, quantity</b>	12
<b>Filler, quantity</b>	3
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Subunit Type</b>	Gel-free
<b>Total Fiber Count</b>	24

## Dimensions

<b>Diameter Over Jacket</b>	15.9 mm   0.626 in
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## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	394 mm   15.512 in
<b>Minimum Bend Radius, unloaded</b>	198.1 mm   7.799 in
<b>Tensile Load, long term, maximum</b>	800 N   179.847 lbf
<b>Tensile Load, short term, maximum</b>	2669 N   600.015 lbf

## Optical Specifications

<b>Fiber Type</b>	OM3
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## Optical Specifications, Wavelength Specific

<b>10 Gbps Ethernet Distance</b>	300 m @ 850 nm
<b>Attenuation, maximum</b>	1.00 dB/km @ 1,300 nm   3.20 dB/km @ 850 nm
<b>Bandwidth, Laser, minimum</b>	2,000 MHz-km @ 850 nm

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<b>Bandwidth, OFL, minimum</b>	1,500 MHz-km @ 850 nm   500 MHz-km @ 1,300 nm
<b>Standards Compliance</b>	ANSI/TIA-568.B.1   ANSI/TIA-568.B.2   IEC 60793-2-10   TIA-492AAAC (OM3)

## Environmental Specifications

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

## Packaging and Weights

<b>Cable weight</b>	302 kg/km   202.935 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable