

Indoor/Outdoor Fiber Optic Cable, 12-fiber, loose tube, LSZH, OM2, 3000 m

## Product Classification

<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Fiber indoor/outdoor cable
<b>Regional Availability</b>	North America

## Optical Specifications, Wavelength Specific

<b>10 Gbps Ethernet Distance</b>	82 m @ 850 nm
<b>Attenuation, maximum</b>	1.50 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
<b>Bandwidth, OFL, minimum (temporary)</b>	500 MHz-km @ 1,300 nm   500 MHz-km @ 850 nm
<b>Standards Compliance</b>	TIA-492AAAB (OM2)

## General Specifications

<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled

## Construction Materials

<b>Total Fiber Count</b>	12
<b>Fiber Type</b>	OM2
<b>Fibers per Subunit, quantity</b>	12
<b>Jacket Color</b>	Black

## Dimensions

<b>Cable Length</b>	3000 m   9843 ft
<b>Cable Weight</b>	73.0 kg/km
<b>Diameter Over Jacket</b>	8.00 mm   0.31 in

## Physical Specifications

<b>Minimum Bend Radius, loaded</b>	160.0 mm   6.3 in
<b>Minimum Bend Radius, unloaded</b>	80.0 mm   3.1 in
<b>Tensile Load, long term, maximum</b>	800 N   180 lbf
<b>Tensile Load, short term, maximum</b>	1800 N   405 lbf

## Environmental Specifications

<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Installation Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)

**Operating Temperature** -20 °C to +70 °C (-4 °F to +158 °F)  
**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant



## \* Footnotes

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