

Indoor/Outdoor Fiber Optic Cable, 48-fiber, loose tube, LSZH, OM3, 1000 m

## Product Classification

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

## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	1.50 dB/km @ 1300 nm
<b>Standards Compliance</b>	TIA-492AAAC (OM3)

## General Specifications

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

## Construction Materials

<b>Total Fiber Count</b>	48
<b>Fiber Type</b>	OM3
<b>Fibers per Subunit, quantity</b>	12
<b>Jacket Color</b>	Black

## Dimensions

<b>Cable Length</b>	1000 m   3281 ft
<b>Cable Weight</b>	110.0 kg/km
<b>Diameter Over Jacket</b>	12.70 mm   0.50 in
<b>Filler, quantity</b>	1

## Physical Specifications

<b>Minimum Bend Radius, loaded</b>	216.0 mm   8.5 in
<b>Minimum Bend Radius, unloaded</b>	108.0 mm   4.3 in
<b>Tensile Load, long term, maximum</b>	890 N   200 lbf
<b>Tensile Load, short term, maximum</b>	2700 N   607 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)
<b>Operating Temperature</b>	-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