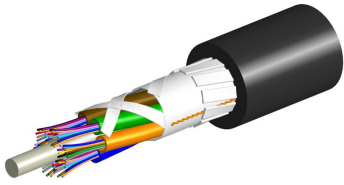


# 1-1427442-3



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

## OBSOLETE

This product was discontinued on: **October 30, 2022**

### Replaced By:

760249742                      Fiber indoor/outdoor cable Loose Tube Gel-filled, 48 fiber, Multimode OM3, Meters jacket  
C-048-LN-5Y-M12BK/21G/093      marking, Black jacket color

## Product Classification

<b>Regional Availability</b>	Asia
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor/outdoor cable
<b>Product Series</b>	C-LN

## General Specifications

<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Filler, quantity</b>	1
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	48

## Dimensions

<b>Cable Length</b>	1000 m   3,280.84 ft
<b>Diameter Over Jacket</b>	12.7 mm   0.5 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	216 mm   8.504 in
<b>Minimum Bend Radius, unloaded</b>	108 mm   4.252 in

# 1-1427442-3

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<b>Tensile Load, long term, maximum</b>	890 N   200.08 lbf
<b>Tensile Load, short term, maximum</b>	2700 N   606.984 lbf

## Optical Specifications

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

<b>Attenuation, maximum</b>	1.50 dB/km @ 1,300 nm
<b>Standards Compliance</b>	TIA-492AAAC (OM3)

## Environmental Specifications

<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)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)

## Packaging and Weights

<b>Cable weight</b>	110 kg/km   73.917 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
UK-ROHS	Compliant



## \* Footnotes

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