

Fiber Optic Cable, 48-fiber, OS2, yellow

## Product Classification

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

## Standards And Qualifications

<b>EN50575 CPR Cable EuroClass</b>	Eca
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.35 dB/km @ 1300 nm 0.35 dB/km @ 1550 nm 0.45 dB/km @ 1310 nm
<b>Standards Compliance</b>	TIA-492CAAB (OS2)

## General Specifications

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

## Construction Materials

<b>Total Fiber Count</b>	48
<b>Fiber Type</b>	OS2
<b>Fibers per Subunit, quantity</b>	12
<b>Jacket Color</b>	Yellow

## Dimensions

<b>Cable Length</b>	2000 m   6562 ft
<b>Cable Weight</b>	105.0 kg/km
<b>Diameter Over Jacket</b>	11.50 mm   0.45 in
<b>Filler, quantity</b>	4

## Physical Specifications

<b>Minimum Bend Radius, loaded</b>	228.6 mm   9.0 in
<b>Minimum Bend Radius, unloaded</b>	169.9 mm   6.7 in
<b>Tensile Load, long term, maximum</b>	600 N   135 lbf
<b>Tensile Load, short term, maximum</b>	996 N   224 lbf

## Environmental Specifications

<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)
<b>Installation Temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-10 °C to +70 °C (+14 °F to +158 °F)
<b>Storage Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available



### \* Footnotes

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