

# 2-599605-2 | POC-FO-CAB-IEDLT-48X4-2KM

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Fiber Optic Cable, 48-fiber, OM4, loose tube, dry, 2000 m, aqua

## Product Classification

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

## General Specifications

<b>Cable Type</b>	Loose tube
<b>Fibers per Subunit, quantity</b>	12
<b>Jacket Color</b>	Aqua
<b>Subunit Type</b>	Gel-free
<b>Total Fiber Count</b>	48

## Dimensions

<b>Cable Length</b>	1000 m   3,280.84 ft
<b>Diameter Over Jacket</b>	11.5 mm   0.453 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	228.6 mm   9 in
<b>Minimum Bend Radius, unloaded</b>	170.2 mm   6.701 in
<b>Tensile Load, long term, maximum</b>	600 N   134.885 lbf
<b>Tensile Load, short term, maximum</b>	996 N   223.91 lbf

## Optical Specifications

<b>Fiber Type</b>	OM4, bend insensitive
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	1.00 dB/km @ 1,300 nm   3.50 dB/km @ 850 nm
<b>Standards Compliance</b>	TIA-492AAAD (OM4)

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +70 °C (+14 °F to +158 °F)
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**EN50575 CPR Cable EuroClass Fire Performance**

Eca

**Environmental Space**

Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

**Cable weight**

105 kg/km | 70.557 lb/kft

## \* Footnotes

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