

# 2-599145-4

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Indoor Fiber Optic Cable, 6-fiber, OS2, singlemode, tight buffer, yellow

**OBSOLETE**

This product was discontinued on: June 13, 2018

## Product Classification

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

## General Specifications

<b>Cable Type</b>	Tight buffer
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Fibers per Subunit, quantity</b>	6
<b>Total Fiber Count</b>	6

## Dimensions

<b>Cable Length</b>	2000 m   6,561.68 ft
<b>Diameter Over Jacket</b>	6 mm   0.236 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	90 mm   3.543 in
<b>Minimum Bend Radius, unloaded</b>	60 mm   2.362 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>	OS2
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.40 dB/km @ 1,550 nm   0.50 dB/km @ 1,310 nm
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## Standards Compliance

IEC 60794-1 | TIA-492CAAB (OS2)

## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +50 °C (+23 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Storage Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d1
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Universal Low Smoke Zero Halogen (ULSZH)
<b>Flame Test Method</b>	IEC 60332-1   IEC 60332-3   IEC 60754-1   IEC 61034-2

## Packaging and Weights

<b>Cable weight</b>	33 kg/km   22.175 lb/kft
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## Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available



## \* Footnotes

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