



Fiber Indoor/Outdoor cable, Low Smoke Zero Halogen, Distribution, Gel-Free, 24 fiber single-unit, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

OBSOLETE

This product was discontinued on: June 19, 2023

Product Classification

Regional Availability	China
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS
Country Specific for	China

General Specifications

Cable Type	Tight buffer
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	0.9 mm   0.035 in
Diameter Over Jacket	8.8 mm   0.346 in

Mechanical Specifications

Minimum Bend Radius, loaded	176 mm   6.929 in
Minimum Bend Radius, unloaded	88 mm   3.465 in
Tensile Load, long and short term	See Sag and Tension tables in Product Documentation section
Tensile Load, long term, maximum	396 N   89.024 lbf

<b>Tensile Load, short term, maximum</b>	1320 N   296.748 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	IEC 60794-1-2 E3
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	IEC 60794-1-2-E1

## Optical Specifications

<b>Fiber Type</b>	G.657.A1
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## Optical Specifications, Wavelength Specific

<b>Attenuation, maximum</b>	0.3 dB/km @ 1,550 nm   0.3 dB/km @ 1,625 nm   0.40 dB/km @ 1,310 nm
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## 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>Cable Qualification Standards</b>	Telcordia GR-409
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Flame Test Listing</b>	B1
<b>Flame Test Method</b>	GB/T 31247

## Environmental Test Specifications

<b>Temperature Cycle</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	IEC 60794-1-2 F1

## \* Footnotes

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