



Fiber indoor/outdoor cable, 48-fiber, ULSZH, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color. Provides Rodent Resistance

## Product Classification

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

## General Specifications

<b>Armor Type</b>	Non-metallic rods
<b>Cable Type</b>	Loose tube
<b>Subunit Type</b>	Gel-filled
<b>Filler, quantity</b>	4
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMSCOPE GB SYSTEM F.O.CABLE 760240171 EXT GRP ARMOUR 48X9/125 SINGLE MODE [Serial number] [metre mark]
<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>	15 mm   0.591 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	465 mm   18.307 in
<b>Minimum Bend Radius, unloaded</b>	350 mm   13.78 in
<b>Tensile Load, long term, maximum</b>	6000 N   1,348.854 lbf
<b>Tensile Load, short term, maximum</b>	9000 N   2,023.281 lbf

# 760240171 | C-048-LA-8W-M12BK/28G/GRP/E

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## Optical Specifications

**Fiber Type** G.652.D and G.657.A1, TeraSPEED® | OS2

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

**Standards Compliance** IEC 60794-1 | TIA-492CAAB (OS2)

## Environmental Specifications

**Installation temperature** -5 °C to +50 °C (+23 °F to +122 °F)

**Operating Temperature** -25 °C to +70 °C (-13 °F to +158 °F)

**Storage Temperature** -20 °C to +70 °C (-4 °F to +158 °F)

**Environmental Space** Universal Low Smoke Zero Halogen (ULSZH)

## Packaging and Weights

**Cable weight** 230 kg/km | 154.553 lb/kft

## Included Products

CS-8W-250-EMEA – LightScope ZWP® Singlemode Fiber  
250um

## \* Footnotes

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