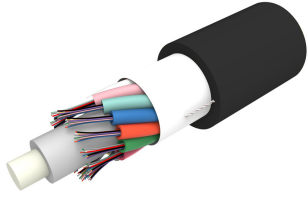


# 760256144 | C-144-LN-8W-M12BK/15D/B2



Fiber indoor/outdoor cable, ZWP® Low Smoke Zero Halogen, 144 fiber Microsheath, Singlemode, Gel-free, Meters jacket marking, Black jacket color, B2ca flame rating

## 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-LN

## General Specifications

<b>Cable Type</b>	Stranded microsheath tube
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMSCOPE GB OPTICAL CABLE 760256144 144 x G652D 9/125 EN50575 CLASS B ULSZH [Serial number] [metre mark]
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	144

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	1.5 mm   0.059 in
<b>Diameter Over Jacket</b>	10.7 mm   0.421 in

## Mechanical Specifications

<b>Minimum Bend Radius, unloaded</b>	130 mm   5.118 in
<b>Tensile Load, long term, maximum</b>	360 N   80.931 lbf
<b>Tensile Load, short term, maximum</b>	1200 N   269.771 lbf
<b>Cable Crush Resistance, maximum</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	IEC 60794-1-21 E3
<b>Impact</b>	2 N-m   17.701 in lb

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**Impact Test Method** IEC 60794-1-21 E4

**Strain Test Method** IEC 60794-1-21 E1

## Optical Specifications

**Fiber Type** G.652.D and G.657.A1

## Optical Specifications, Wavelength Specific

**Attenuation, maximum** 0.25 dB/km @ 1,550 nm | 0.27 dB/km @ 1,625 nm | 0.36 dB/km @ 1,310 nm

## Environmental Specifications

**Operating Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**EN50575 CPR Cable EuroClass Fire Performance** B2ca

**EN50575 CPR Cable EuroClass Smoke Rating** s1a

**EN50575 CPR Cable EuroClass Droplets Rating** d0

**EN50575 CPR Cable EuroClass Acidity Rating** a1

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

**Water Penetration Test Method** IEC 60794-1 F4

## Environmental Test Specifications

**Temperature Cycle** -40 °C to +70 °C (-40 °F to +158 °F)

**Temperature Cycle Test Method** IEC 60794-1-22 F1

## Packaging and Weights

**Cable weight** 123.5 kg/km | 82.988 lb/kft

## Included Products

CS-8W-LT – TeraSPEED® G652D/G657A1 Singlemode Fiber

## \* Footnotes

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