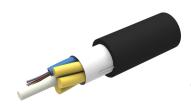
### 760256138 | C-012-LN-8W-M12BK/15D/B2



Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 12 fiber Microsheath,, Gel-free, Singlemode, Meters jacket marking, Black jacket color, B2ca flame rating

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

**Product Series** C-LN

General Specifications

Cable Type Stranded microsheath tube

**Subunit Type** Gel-free

Filler, quantity 4

Jacket ColorBlackJacket MarkingMetersJacket Marking MethodInkjet

**Jacket Marking Text**COMMSCOPE GB OPTICAL CABLE 760256138 12 x G652D 9/125

EN50575 CLASS B ULSZH [Serial number] [metre mark]

Subunit, quantity 1

Fibers per Subunit, quantity 12

Total Fiber Count 12

**Dimensions** 

Cable Length2000 m | 6,561.68 ftBuffer Tube/Subunit Diameter1.5 mm | 0.059 inDiameter Over Jacket6.7 mm | 0.264 in

Mechanical Specifications

Minimum Bend Radius, loaded150 mm5.906 inMinimum Bend Radius, unloaded100 mm3.937 inTensile Load, long term, maximum150 N | 33.721 lbf

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## 760256138 | C-012-LN-8W-M12BK/15D/B2

Tensile Load, short term, maximum 480 N | 107.908 lbf

Cable Crush Resistance, maximum 10 N/mm | 57.101 lb/in

**Compression Test Method** IEC 60794-1-21 E3

**Impact** 2 N-m | 17.701 in lb

Impact Test Method IEC 60794-1-21 E4

Strain Test Method IEC 60794-1-21 E1

**Twist** 5 cycles

Twist Test Method IEC 60794-1 E7

**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**  $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  ( $-40 \,^{\circ}\text{F}$  to  $+158 \,^{\circ}\text{F}$ )

EN50575 CPR Cable EuroClass Fire PerformanceB2caEN50575 CPR Cable EuroClass Smoke Rating\$1aEN50575 CPR Cable EuroClass Droplets Ratingd0EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Water Penetration Test Method IEC 60794-1 F5

**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** 48.8 kg/km | 32.792 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

COMMSC PE°

# 760256138 | C-012-LN-8W-M12BK/15D/B2

ROHS Compliant UK-ROHS Compliant



#### Included Products

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

\* Footnotes

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

