760256143 | C-096-LN-8W-M12BK/15D/B2



Fiber indoor/outdoor cable, LightScope® ZWP Low Smoke Zero Halogen, 96 fiber Microsheath, Singlemode , Gel-free, 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 |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMSCOPE GB OPTICAL CABLE 760256143 96 x G652D 9/125 EN50575 CLASS B ULSZH [Serial number] [metre mark] |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 96 |
| Dimensions | |
| Buffer Tube/Subunit Diameter | 1.5 mm 0.059 in |
| Diameter Over Jacket | 8.7 mm 0.343 in |

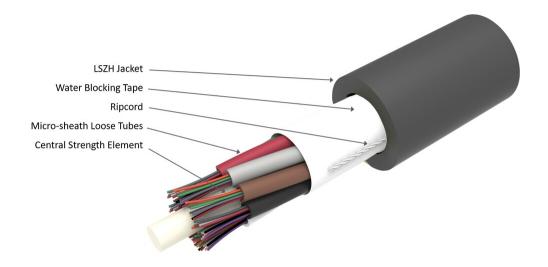
Representative Image

Page 1 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: January 25, 2025



760256143 | C-096-LN-8W-M12BK/15D/B2



Mechanical Specifications

| Minimum Bend Radius, unloaded | 110 mm 4.331 in |
|-----------------------------------|------------------------|
| Tensile Load, long term, maximum | 260 N 58.45 lbf |
| Tensile Load, short term, maximum | 850 N 191.088 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 |
| | |

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 |

Page 2 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: January 25, 2025



760256143 | C-096-LN-8W-M12BK/15D/B2

| EN50575 CPR Cable EuroClass Droplets Rating | d0 |
|---|--|
| EN50575 CPR Cable EuroClass Acidity Rating | al |
| 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 | 83.6 kg/km 56.177 lb/kft |

Regulatory Compliance/Certifications

Agency

ROHS

Classification

CHINA-ROHS

Below maximum concentration value Compliant Compliant



UK-ROHS

Included Products

CS-8W-LT

TeraSPEED® G652D/G657A1 Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

©2025 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: January 25, 2025

