760251252 | C-288-LA-8W-M12BK/20G/GY/D



Fiber indoor/outdoor cable, TeraSPEED®, Single Jacket/Single Armor, LSZH, Gel-filled, Double Layer Stranded Loose Tube, Singlemode G.652. D and G.657.A1, Meters jacket marking, Black jacket color, 288 fiber. Provides Rodent Resistance

 Corrugated steel tape armor is strong yet flexible, providing additional crush and rodent protection

Product Classification

Regional AvailabilityAsia | EMEAPortfolioCommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-LA

General Specifications

Armor Type Corrugated steel

Cable Type Stranded loose tube

Construction Type Armored
Subunit Type Gel-filled
Jacket Color Black
Jacket Marking Meters
Jacket Marking Method Inkjet

Jacket Marking Text COMMSCOPE GB F.O. CABLE 760251252 288 X 9/125 G652D EN50575 CLASS D LSZH

(serial number) (meter mark)

Subunit, quantity 24
Fibers per Subunit, quantity 12
Total Fiber Count 288

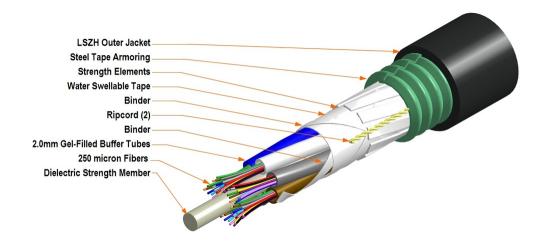
Dimensions

Buffer Tube/Subunit Diameter 2 mm | 0.079 in **Diameter Over Jacket** 18.8 mm | 0.74 in

Representative Image



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Mechanical Specifications

Minimum Bend Radius, loaded380 mm | 14.961 inMinimum Bend Radius, unloaded190 mm | 7.48 inTensile Load, long term, maximum800 N | 179.847 lbfTensile Load, short term, maximum3000 N | 674.427 lbfCompression30 N/mm | 171.304 lb/in

Compression Test Method IEC 60794-1 E3

Impact 5 N-m | 44.254 in lb

Impact Test Method IEC 60794-1 E4

Strain See long and short term tensile loads

Strain Test Method IEC 60794-1 E1

Twist 5 cycles

Twist Test Method IEC 60794-1 E7

Optical Specifications

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

Environmental Specifications

Installation temperature $-5 \,^{\circ}\text{C}$ to $+50 \,^{\circ}\text{C}$ ($+23 \,^{\circ}\text{F}$ to $+122 \,^{\circ}\text{F}$)

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

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

Cable Qualification Standards IEC 60794-1-2

COMMSCOPE®

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Environmental Space Aerial, lashed | Buried | Low Smoke Zero Halogen (LSZH)

Flame Test Method | IEC 60332-1-2 | IEC 60754-2 | IEC 61034-2

Jacket UV Resistance UV stabilized

Water Penentration 24 h

Water Penentration Test Method IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze -2 °C | 28.4 °F

Cable Freeze Test Method IEC 60794-1 F15

Heat Age $-40 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-30 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-22 $^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

Low High Bend Test Method IEC 60794-1 E11

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

Temperature Cycle Test Method IEC 60794-1 F1

Packaging and Weights

Cable weight 346 kg/km | 232.501 lb/kft

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



Included Products

CS-8W-IOLT - TeraSPEED® OS2 Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

