# 810010319/DB | 0-072-L2-8W-M12BK/20G



LightScope® ZWP Double Jacket/Single Armor, Gel-Filled,Outdoor Stranded Loose Tube Cable

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

## Product Classification

Regional Availability	EMEA	
Portfolio	CommScope®	
Product Type	Fiber OSP cable	
Product Series	0-L2	
General Specifications		
Armor Type	Corrugated steel	
Cable Type	Stranded loose tube	
Construction Type	Armored	
Subunit Type	Gel-filled	
Inner Jacket Color	Black	
Jacket Color	Black	
Jacket Marking	Meters	
Subunit, quantity	6	
Fibers per Subunit, quantity	12	
Total Fiber Count	72	
Dimensions		
Buffer Tube/Subunit Diameter	2 mm   0.079 in	
Diameter Over Inner Jacket	10.7 mm   0.421 in	
Diameter Over Jacket	16 mm   0.63 in	

## Representative Image

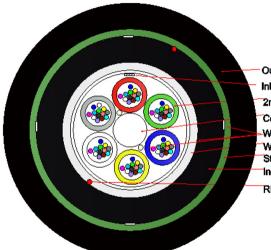
Page 1 of 3

©2024 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: September 23, 2024



# 810010319/DB | 0-072-L2-8W-M12BK/20G

ΡE



Outer Jacket PE /2mm Inlay Measuring Tape 2mm Stranded Gel Loose Tube / 12F Central Strength Member Water Blocking Tape/Yarns Water Blocking E-Glass Yarn Steel armoure Tape Inner PE Jacket / 1.7mm Ripcord

### Material Specifications

**Jacket Material** 

Mechanical Specifications	
Minimum Bend Radius, loaded	320 mm   12.598 in
Minimum Bend Radius, unloaded	240 mm   9.449 in
Tensile Load, long term, maximum	1200 N   269.771 lbf
Tensile Load, short term, maximum	4000 N   899.236 lbf
Compression	30 N/mm   171.304 lb/in
Compression Test Method	IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	IEC 60794-1 E6
Impact	10 N-m   88.507 in lb
Impact Test Method	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Optical Specifications	

Fiber Type

G.652.D and G.657.A1

Page 2 of 3

©2024 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: September 23, 2024

**COMMSCOPE**°

# 810010319/DB | 0-072-L2-8W-M12BK/20G

## Optical Specifications, Wavelength Specific

Standards Compliance	ITU-T G.652.D	ITU-T G.657.A1

### **Environmental Specifications**

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Fca
Environmental Space	Buried
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

#### **Environmental Test Specifications**

Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1 F1

#### Packaging and Weights

#### Included Products

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

### \* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

©2024 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: September 23, 2024

