# 810010384/DB | B-060-LN-8W-M12NS/13G



Fiber OSP cable, LightScope ZWP® Blown Micro Single Jacket, 60 fiber, All-Dielectric Stranded Loose Tube Arid-Core® Construction, Gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color

#### Product Classification

Regional Availability	EMEA
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	B-LN
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Filler, quantity	1
Jacket Color	Black
Jacket Marking	Meters
Subunit, quantity	5
Fibers per Subunit, quantity	12
Total Fiber Count	60
Dimensions	

Buffer Tube/Subunit Diameter	1.25 mm   0.049 in
Diameter Over Jacket	4.6 mm   0.181 in

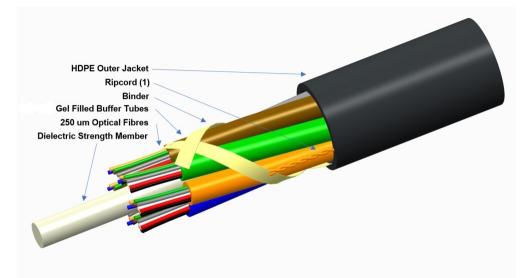
## Representative Image

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### Material Specifications

**Jacket Material** 

High density polyethylene (HDPE)

## Mechanical Specifications

Minimum Bend Radius, loaded	150 mm   5.906 in
Minimum Bend Radius, unloaded	90 mm   3.543 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1000 N   224.809 lbf
Compression	5 N/mm   28.551 lb/in
Compression Test Method	IEC 60794-1-21 E3
Flex	25 cycles
Flex Test Method	IEC 60794-1 E6
Impact	1 N-m   8.851 in lb
Impact Test Method	IEC 60794-1-21 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-21 E1
Twist	10 cycles
Twist Test Method	IEC 60794-1-21 E7
Optical Specifications	

Fiber Type

G.652.D and G.657.A1

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#### **Environmental Specifications**

Installation temperature	-15 °C to +40 °C (+5 °F to +104 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	IEC 60794-5-10
Environmental Space	Air-blown, microduct
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F4

## Environmental Test Specifications

Drip	70 °C   158 °F
Drip Test Method	IEC 60794-1-21 E14
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1-22 F9
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

19 kg/km | 12.767 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

DB-8W-LT – LightScope ZWP® Singlemode Fiber

### \* Footnotes

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## 810010384/DB | B-060-LN-8W-M12NS/13G

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

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