# 810010266/DB | B-024-CN-8W-M24BK/30G



Fiber OSP cable, LightScope ZWP® Blown Single Jacket All-Dielectric Outdoor Central Tube Construction, Singlemode G.652.D, 24 fiber, Gelfilled, Meters jacket marking, Black jacket color

#### **Product Classification**

Regional Availability Europe

PortfolioCommScope®Product TypeFiber OSP cable

**Product Series** B-CN

#### General Specifications

Cable Type Central tube, all dielectric | Microcable

Construction TypeNon-armoredSubunit TypeGel-filled

Filler, quantity 0

Inner Jacket Color White
Jacket Color Black
Jacket Marking Method Inkjet

Jacket Marking TextCOMMSCOPE GB OPTICAL CABLE BLW 810010266/DB

24x G652D SM HDPE [SERIAL NUMBER] [METER MARK]

Subunit, quantity 1

Fibers per Subunit, quantity 24

Total Fiber Count 24

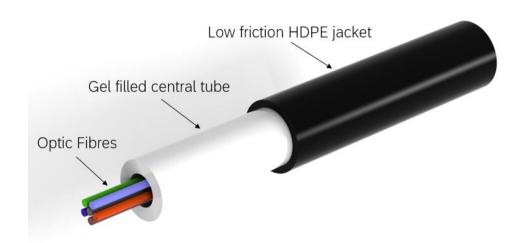
**Dimensions** 

Buffer Tube/Subunit Diameter3 mm | 0.118 inDiameter Over Jacket3.9 mm | 0.154 in

## Representative Image



#### 810010266/DB | B-024-CN-8W-M24BK/30G



#### Material Specifications

**Jacket Material** High density polyethylene (HDPE)

### Mechanical Specifications

Minimum Bend Radius, loaded 47 mm | 1.85 in 47 mm | 1.85 in Minimum Bend Radius, storage coils Minimum Bend Radius, unloaded 47 mm | 1.85 in Tensile Load, long term, maximum 70 N | 15.737 lbf

10 N/mm | 57.101 lb/in Compression

IEC 60794-1-21 E3

Flex 25 cycles

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

**Compression Test Method** 

COMMSC PE°

## 810010266/DB | B-024-CN-8W-M24BK/30G

**Fiber Type** G.657.A1

#### **Environmental Specifications**

Installation temperature  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Storage Temperature  $-20 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Cable Qualification Standards IEC 60794-1-2

**Environmental Space** Air-blown, microduct

Jacket UV Resistance UV stabilized

Water Penetration 24 h

**Water Penetration Test Method** IEC 60794-1 F5

#### **Environmental Test Specifications**

**Low High Bend Test Method** IEC 60794-1-21 E11

**Temperature Cycle**  $-30 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \, (-22 \,^{\circ}\text{F to } +140 \,^{\circ}\text{F})$ 

**Temperature Cycle Test Method** IEC 60794-1-22 F1

Packaging and Weights

Cable weight 8.9 kg/km | 5.981 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-LT - TeraSPEED® G652D/G657A1 Singlemode

Fiber

#### \* Footnotes

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

Page 3 of 4



# 810010266/DB | B-024-CN-8W-M24BK/30G

