

810010675/DB | B-024-CN-8W-M24BK/22G-DK02



Fiber OSP cable, LightScope® ZWP Blown Single Jacket All-Dielectric Outdoor Central Tube Construction, Singlemode G.652.D and G.657.A1, 24 fiber, Gel-filled, Meters jacket marking, Black jacket color and fiber color as per TDC-TS 900 011a RM: 50-75mm

Product Classification

Regional Availability	Europe
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	B-CN

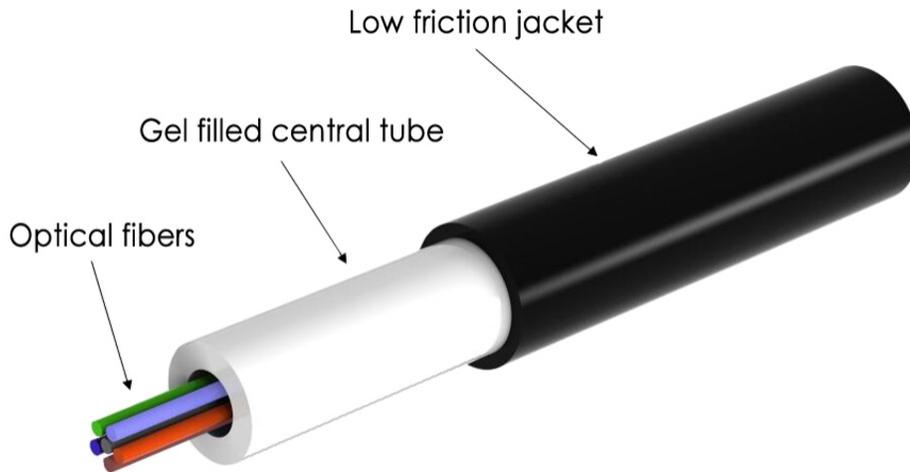
General Specifications

Cable Type	Central tube, all dielectric Microcable
Construction Type	Non-armored
Subunit Type	Gel-filled
Filler, quantity	0
Inner Jacket Color	White
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	2.2 mm 0.087 in
Diameter Over Jacket	2.5 mm 0.098 in

Representative Image



Material Specifications

Jacket Material Nylon

Mechanical Specifications

Minimum Bend Radius, loaded	30 mm 1.181 in
Minimum Bend Radius, storage coils	30 mm 1.181 in
Minimum Bend Radius, unloaded	30 mm 1.181 in
Tensile Load, long term, maximum	80 N 17.985 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1-21 E3
Flex	25 cycles
Impact	2 N-m 17.701 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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Optical Specifications, Wavelength Specific

Attenuation, maximum 0.22 dB/km @ 1,550 nm | 0.35 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature -10 °C to +60 °C (+14 °F to +140 °F)

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F)

Cable Qualification Standards IEC 60794-1-2 | 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 F5

Environmental Test Specifications

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

Temperature Cycle -20 °C to +60 °C (-4 °F to +140 °F)

Temperature Cycle Test Method IEC 60794-1-22 F1

Packaging and Weights

Cable weight 6.9 kg/km | 4.637 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable