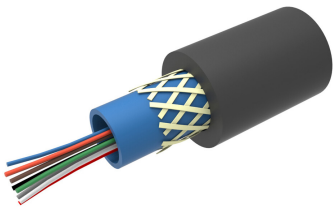


760254732 | C-024-CN-8W-M24BK/40G/AY/E



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 24-fiber, Singlemode OS2, Gel-filled, black

- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-CN

General Specifications

Cable Type	Loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB OPTICAL CABLE 760254732 INT/EXT GEL LOOSE TUBE 24X9/125 OS2 (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Cable Length	2000 m 6,561.68 ft
Buffer Tube/Subunit Diameter	4 mm 0.157 in
Diameter Over Jacket	7.5 mm 0.295 in

Mechanical Specifications

Minimum Bend Radius, loaded	150 mm 5.906 in
Minimum Bend Radius, unloaded	140 mm 5.512 in
Tensile Load, long term, maximum	300 N 67.443 lbf

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Tensile Load, short term, maximum	600 N 134.885 lbf
Compression	20 N/mm 114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	20 N-m 177.015 in lb
Impact Test Method	IEC 60794-1 E4

Optical Specifications

Fiber Type	OS2
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Optical Specifications, Wavelength Specific

Standards Compliance	IEC 60794-1 TIA-492CAAB (OS2)
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Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °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)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	EN 50399
Flame Test Method	EN 50399
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-30 °C to +70 °C (-22 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	60 kg/km 40.318 lb/kft
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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

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UK-ROHS

Compliant



Included Products

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable