8-1427439-4

Indoor/Outdoor Fiber Optic Cable, 12-fiber, singlemode, OS2, LSZH, loose tube, gel-filled, cut length

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OBSOLETE

This product was discontinued on: December 30, 2022

Replaced By:

| 760249711 C-012-CN-8Z-M12BK/28G/093 | Fiber indoor/outdoor cable, Gel-filled Central Tube, 12 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color |

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Product Classification

Regional Availability	Asia
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LN

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	4.1 mm | 0.161 in
Diameter Over Jacket	8 mm | 0.315 in

Material Specifications

Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

COMMSCOPE®

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Minimum Bend Radius, loaded	160 mm | 6.299 in
Minimum Bend Radius, unloaded	80 mm | 3.15 in
Tensile Load, long term, maximum	800 N | 179.847 lbf
Tensile Load, short term, maximum	1800 N | 404.656 lbf
Compression	10 N/mm | 57.101 lb/in
Compression Test Method	IEC 60794-1-2 E3

Optical Specifications

Fiber Type	OS2

Optical Specifications, Wavelength Specific

Standards Compliance	TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight	73 kg/km | 49.054 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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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