760253599 | C-004-DS-5X-MSUAQ/093/B1

Fiber Indoor/Outdoor cable, Low Smoke Zero Halogen, Distribution, Gel-Free, 4 fiber single-unit, Multimode OM4, Meters jacket marking, Aqua jacket color

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OBSOLETE

This product was discontinued on: June 19, 2023

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Product Classification

Regional Availability	China
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS
Country Specific for	China

General Specifications

Cable Type	Tight buffer
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Meters
Strength Members	E-glass yarns
Total Fiber Count	4

Dimensions

Buffer Tube/Subunit Diameter	0.9 mm	0.035 in
Diameter Over Jacket	5.3 mm	0.209 in

Mechanical Specifications

Minimum Bend Radius, loaded	106 mm	4.173 in
Minimum Bend Radius, unloaded	53 mm	2.087 in
Tensile Load, long and short term	See Sag and Tension tables in Product Documentation section
Tensile Load, long term, maximum	198 N	44.512 lbf

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Tensile Load, short term, maximum	660 N | 148.374 lbf
Compression	10 N/mm | 57.101 lb/in
Compression Test Method	IEC 60794-1-2 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-2-E1

Optical Specifications

Fiber Type	OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

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)
Cable Qualification Standards	Telcordia GR-409
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	B1
Flame Test Method	GB/T 31247

Environmental Test Specifications

Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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