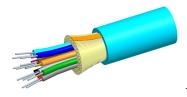
760253603 | C-024-DS-5X-MSUAQ/093/B1



Fiber Indoor/Outdoor cable, Low Smoke Zero Halogen, Distribution, Gel-Free, 24 fiber single-unit, Multimode OM4, Meters jacket marking, Aqua jacket color

OBSOLETE

This product was discontinued on: June 19, 2023

Product Classification

Regional Availability China

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-DS

Country Specific for China

General Specifications

Cable TypeTight bufferSubunit TypeGel-freeJacket ColorAquaJacket MarkingMeters

Strength Members E-glass yarns

Total Fiber Count 24

Dimensions

Buffer Tube/Subunit Diameter0.9 mm | 0.035 inDiameter Over Jacket8.8 mm | 0.346 in

Mechanical Specifications

Minimum Bend Radius, loaded176 mm6.929 inMinimum Bend Radius, unloaded88 mm3.465 in

Tensile Load, long and short termSee Sag and Tension tables in Product Documentation section

Tensile Load, long term, maximum 396 N | 89.024 lbf

Tensile Load, short term, maximum 1320 N | 296.748 lbf

Page 1 of 2



760253603 | C-024-DS-5X-MSUAQ/093/B1

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

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

 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

