8-1594455-9 | C-024-DS-5L-MSUAQ/GY/C

Indoor/outdoor Fiber Optic Cable, 24-fiber, office distribution, multimode, OM3, ULSZH, aqua. Provides Rodent Resistance.

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

Product Classification

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

General Specifications

Cable Type	Tight buffer
Jacket Color	Aqua
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 8-1594455-9 24x50/125 OM3 EN50575 CLASS C BIMMF ULSZH [Serial NUMBER] [METRE MARK]
Strength Members	E-glass yarns
Fibers per Subunit, quantity	6
Total Fiber Count	24

Dimensions

Diameter Over Jacket	9.5 mm	0.374 in

Mechanical Specifications

Minimum Bend Radius, loaded	150 mm	5.906 in
Minimum Bend Radius, unloaded	90 mm	3.543 in
Tensile Load, long term, maximum	650 N	146.126 lbf
Tensile Load, short term, maximum	2000 N	449.618 lbf
Cable Crush Resistance, maximum	20 N/mm	114.203 lb/in

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Optical Specifications

Fiber Type	OM3

Optical Specifications, Wavelength Specific

Standards Compliance	IEC 60794-1	TIA-492AAAC (OM3)

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	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	92 kg/km	61.821 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Included Products

CS-5L-TB	–	LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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