2-599175-2 | C-024-LA-5K-M12AQ/28G/GRP/E

Fiber Optic Cable, 24-fiber, OM4, aqua. Provides Rodent Resistance.

Product Classification

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

General Specifications

Armor Type	Non-metallic rods
Cable Type	Loose tube
Filler, quantity	2
Jacket Color	Yellow
Jacket Marking	Meters
Subunit Type	Gel-filled
Total Fiber Count	24

Dimensions

Cable Length	2000 m	6,561.68 ft
Diameter Over Jacket	15 mm	0.591 in

Mechanical Specifications

Minimum Bend Radius, loaded	465 mm	18.307 in
Minimum Bend Radius, unloaded	350 mm	13.78 in
Tensile Load, long term, maximum	6000 N	1,348.854 lbf
Tensile Load, short term, maximum	9000 N	2,023.281 lbf

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550

COMMSCOPE®

2-599175-2　|　C-024-LA-5K-M12AQ/28G/GRP/E

Optical Specifications, Wavelength Specific

Attenuation, maximum　　　　　0.35 dB/km @ 1,300 nm　|　0.35 dB/km @ 1,550 nm　|　0.45 dB/km @ 1,310 nm

Standards Compliance　　　　　IEC 60794-1　|　TIA-492AAAD (OM4)

Environmental Specifications

Installation temperature　　　　-5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature　　　　　-25 °C to +70 °C (-13 °F to +158 °F)

Storage Temperature　　　　　　-20 °C to +70 °C (-4 °F to +158 °F)

Environmental Space　　　　　　Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight　　　　　　　　　　236 kg/km　|　158.585 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

COMMSCOPE®