2-599175-4 | C-024-LA-8W-M12YL/28G/GRP/E

Fiber Indoor/Outdoor Cable, 24-fiber, Singlemode OS2, ULSZH, loose tube, gel-filled, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, provides rodent resistance, Eca Flame rating

OBSOLETE

This product was discontinued on: March 31, 2023

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
Subunit Type	Gel-filled
Filler, quantity	2
Jacket Color	Yellow
Jacket Marking	Meters
Total Fiber Count	24

Dimensions

Cable Length	2000 m	6,561.68 ft
Buffer Tube/Subunit Diameter	2.8 mm	0.11 in
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

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Tensile Load, short term, maximum	9000 N | 2,023.281 lbf

Optical Specifications

Fiber Type	G.652.D and G.657.A1

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-492CAAB (OS2)

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)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight	230 kg/km | 154.553 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

Included Products

CS-8W-250-EMEA 8W-250um	–	Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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