



Indoor/Outdoor Fiber Optic Cable, 48-fiber, OS2, ULSZH, loose tube, gel-filled. Provides Rodent Resistance.

OBSOLETE
This product was discontinued on: March 31, 2023

Product Classification

Regional Availability	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	4
Jacket Color	Yellow
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	48

Dimensions

Cable Length	1000 m 3,280.84 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

2-599613-4 | C-048-LA-8W-M12YL/28G/GRP/E

Tensile Load, short term, maximum9000 N | 2,023.281 lbf

Optical Specifications

Fiber TypeOS2

Optical Specifications, Wavelength Specific

Attenuation, maximum0.35 dB/km @ 1,300 nm | 0.35 dB/km @ 1,550 nm | 0.45 dB/km @ 1,310 nm

Standards ComplianceIEC 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)

Environmental SpaceUniversal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight230 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 – LightScope® ZWP Singlemode Fiber
8W-250um

* Footnotes

Operating TemperatureSpecification applicable to non-terminated bulk fiber cable