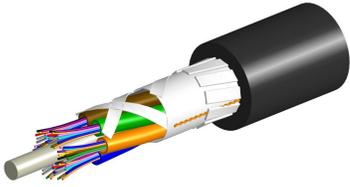# 2-1427441-4

Indoor/Outdoor Fiber Optic Cable, 24-fiber, singlemode, OS2, LSZH, loose tube, gel-filled, 2000 m

Product Classification

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

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	24

Dimensions

Cable Length	2000 m | 6,561.68 ft
Diameter Over Jacket	10.8 mm | 0.425 in

Mechanical Specifications

Minimum Bend Radius, loaded	216 mm | 8.504 in
Minimum Bend Radius, unloaded	108 mm | 4.252 in
Tensile Load, long term, maximum	890 N | 200.08 lbf

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Tensile Load, short term, maximum	2700 N | 606.984 lbf

Optical Specifications

Fiber Type	OS2

Optical Specifications, Wavelength Specific

Standards Compliance	TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight	110 kg/km | 73.917 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

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