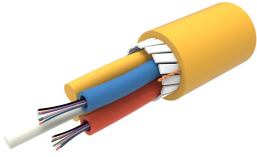


760244553 | L-048-LN-8F-M12YL/14D/AY/D-DE35



Fiber indoor cable, Single Jacket All-Dielectric, Gel-Free, Stranded Microsheath Tube cable, 48 fiber (Red, Blue, Green, Yellow Tubes), Singlemode G.657.A1, Yellow jacket color, Dca flame rating. Provides Rodent Resistance

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	L-LN

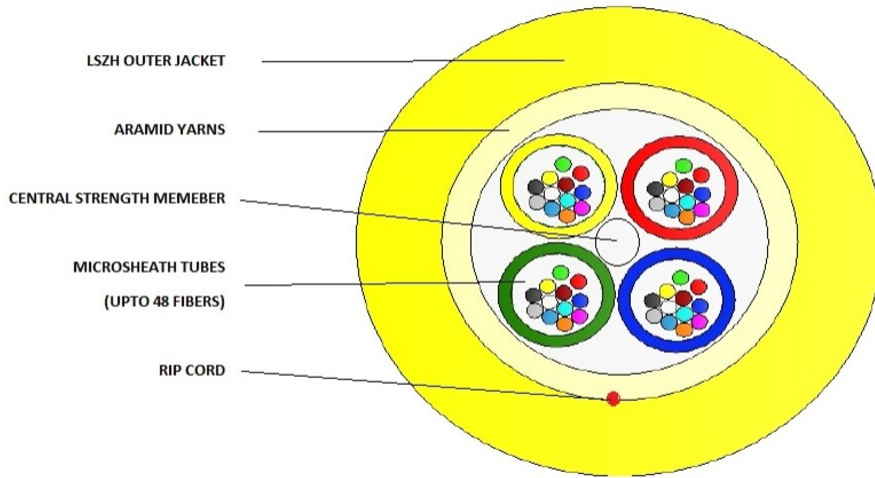
General Specifications

Cable Type	Stranded microsheath tube
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	NETCEED MFOG20074D/CC OXG INDOORKABEL COMMSCOPE OPTICAL CABLE 760244553 [MM/YYYY] 048 EN 50575 CLASS D [SERIAL NUMBER] [METRE MARK]
Subunit, quantity	4
Fibers per Subunit, quantity	12
Total Fiber Count	48

Dimensions

Buffer Tube/Subunit Diameter	1.4 mm 0.055 in
Diameter Over Jacket	5 mm 0.197 in

Representative Image



Material Specifications

Inner Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded	130 mm 5.118 in
Minimum Bend Radius, unloaded	90 mm 3.543 in
Tensile Load, long term, maximum	700 N 157.366 lbf
Tensile Load, short term, maximum	1000 N 224.809 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Impact	2 N-m 17.701 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1

Optical Specifications

Fiber Type G.657.A1, TeraSPEED®

Optical Specifications, Wavelength Specific

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Attenuation, maximum 0.25 dB/km @ 1,550 nm | 0.27 dB/km @ 1,490 nm | 0.27 dB/km @ 1,625 nm | 0.36 dB/km @ 1,310 nm

Environmental Specifications

Installation temperature 0 °C to +50 °C (+32 °F to +122 °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)
Cable Qualification Standards IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance Dca
EN50575 CPR Cable EuroClass Smoke Rating s1
EN50575 CPR Cable EuroClass Droplets Rating d1
EN50575 CPR Cable EuroClass Acidity Rating a1
Environmental Space Low Smoke Zero Halogen (LSZH)

Environmental Test Specifications

Cable Freeze -2 °C | 28.4 °F
Cable Freeze Test Method FOTP-98 | IEC 60794-1 F15
Temperature Cycle -20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method FOTP-3 | IEC 60794-1 F1

Packaging and Weights

Cable weight 23 kg/km | 15.455 lb/kft

Included Products

CS-8F-LT – Low Macrobending, Zero Water Peak, Dispersion-Unshifted Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable