

Fiber indoor cable, GB31247 B2, OM3, 96 fiber multi-unit with 12 fiber 2mm subunits, Singlemode G.657.A1, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability	China
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	L-MP

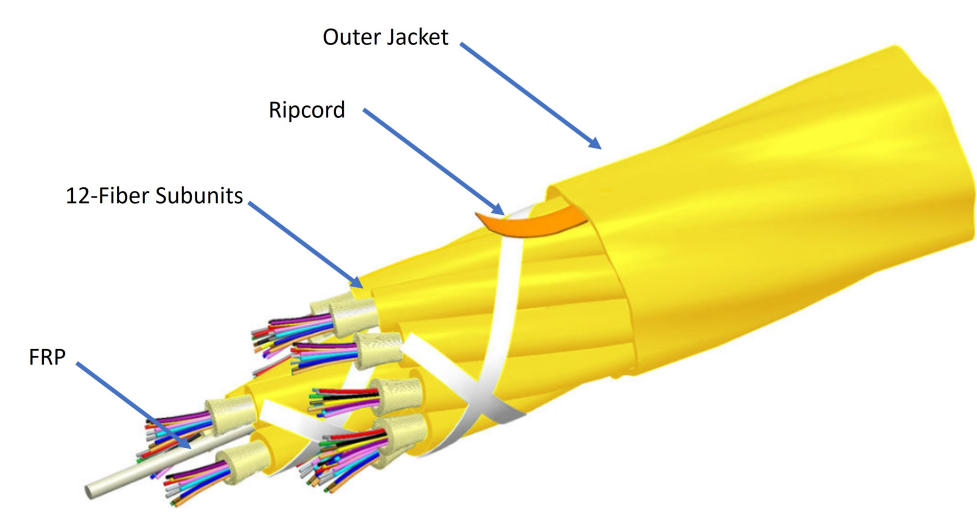
General Specifications

Cable Type	Loose tube Loose tube
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Aqua
Jacket Marking	Meters
Strength Members	Central fiber reinforced polymer (FRP) rod
Subunit, quantity	8
Fibers per Subunit, quantity	12
Total Fiber Count	96

Dimensions

Buffer Tube/Subunit Diameter	2 mm 0.079 in
Diameter Over Jacket	9.6 mm 0.378 in

Representative Image



Material Specifications

Inner Jacket Material	Low Smoke Zero Halogen (LSZH)
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Mechanical Specifications

Minimum Bend Radius, loaded	192 mm 7.559 in
Minimum Bend Radius, unloaded	96 mm 3.78 in
Tensile Load, long term, maximum	200 N 44.962 lbf
Tensile Load, short term, maximum	667 N 149.948 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Compression Test Method	IEC 60794-1 E3 IEC 60794-1 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	10 cycles

Optical Specifications

Fiber Type	G.652.D and G.657.A1
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.3 dB/km @ 1,550 nm 0.3 dB/km @ 1,625 nm 0.40 dB/km @ 1,310 nm
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Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
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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
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	B1 B2
Flame Test Method	GB/T 31247 GB/T 31247

Environmental Test Specifications

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	94 kg/km 63.165 lb/kft
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Included Products

CS-8W-MP – TeraSPEED® OS2 Singlemode
Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable