

Fiber indoor cable, GB31247 B1, OM4, 96 fiber multi-unit with 12 fiber 2mm subunits, Meters jacket marking, Aqua jacket color

Product Classification

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

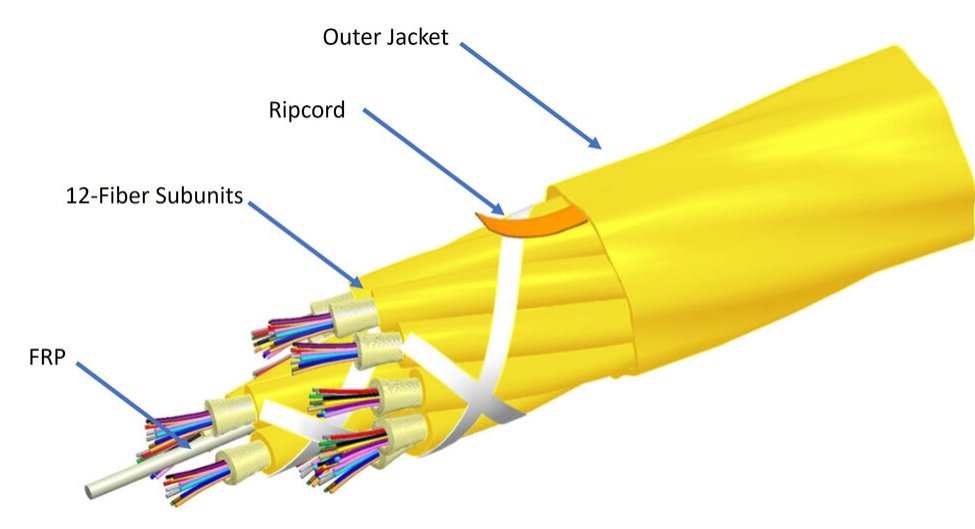
General Specifications

Cable Type	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	10 mm 0.394 in

Representative Image



Material Specifications

Inner Jacket Material

Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded

200 mm | 7.874 in

Minimum Bend Radius, unloaded

100 mm | 3.937 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

Strain

See long and short term tensile loads

Strain Test Method

IEC 60794-1 E1

Twist

10 cycles

Optical Specifications

Fiber Type

OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum

1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

Environmental Specifications

Installation temperature

0 °C to +60 °C (+32 °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)
Cable Qualification Standards	IEC 60794-1-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Listing	B1
Flame Test Method	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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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-MP – TeraSPEED® OS2 Singlemode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable