



Fiber indoor/outdoor cable, 12-fiber, OM4, ULSZH, armored loose tube, gel-filled, Meters jacket marking, Black jacket color

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-CA

General Specifications

Armor Type	Corrugated steel
Cable Type	Loose tube
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMScope GB OPTICAL CABLE 760242754 12X50/125 OM4 ULSZH (Serial NUMBER) (METRE MARK)
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	2.8 mm 0.11 in
Diameter Over Jacket	10.5 mm 0.413 in

Mechanical Specifications

Minimum Bend Radius, loaded	210 mm 8.268 in
Minimum Bend Radius, unloaded	125 mm 4.921 in
Tensile Load, short term, maximum	2700 N 606.984 lbf
Cable Crush Resistance, maximum	30 N/mm 171.304 lb/in
Compression Test Method	IEC 60794-1 E3

760242754 | C-012-CA-5K-M12BK/28G

Impact	5 N-m 44.254 in lb
Impact Test Method	IEC 60794-1 E4
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	OM4, LazrSPEED® OM4, LazrSPEED®
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Optical Specifications, Wavelength Specific

Attenuation, maximum	1.00 dB/km @ 1,300 nm 3.50 dB/km @ 850 nm
Standards Compliance	IEC 60794-1 TIA-492AAAD (OM4)

Environmental Specifications

Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle Test Method	IEC 60794-1 F1
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Packaging and Weights

Cable weight	147 kg/km 98.779 lb/kft
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Included Products

CS-5K-LT	– LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber
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* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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