



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

## Product Classification

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

## General Specifications

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

## Dimensions

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

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	210 mm   8.268 in
<b>Minimum Bend Radius, unloaded</b>	125 mm   4.921 in
<b>Tensile Load, short term, maximum</b>	2700 N   606.984 lbf
<b>Cable Crush Resistance, maximum</b>	30 N/mm   171.304 lb/in

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

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<b>Compression Test Method</b>	IEC 60794-1 E3
<b>Impact</b>	5 N-m   44.254 in lb
<b>Impact Test Method</b>	IEC 60794-1 E4
<b>Twist</b>	5 cycles
<b>Twist Test Method</b>	IEC 60794-1 E7

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED®   OM4, LazrSPEED®
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## Optical Specifications, Wavelength Specific

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

## Environmental Specifications

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

## Environmental Test Specifications

<b>Temperature Cycle Test Method</b>	IEC 60794-1 F1
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## Packaging and Weights

<b>Cable weight</b>	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