760254788 | C-012-CN-5K-M12BK/28G/AY/D
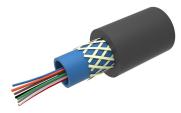
Indoor/Outdoor Low Smoke Zero Halogen, LazrSPEED® Central Loose Tube Fiber Optic Cable, 12-fiber, Multimode OM4, Gel-filled, black black jacket color, Dca Flame Rating, Meters jacket marking, 1000 meters

Product Classification

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

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-filled
Jacket Color	Black
Fiber Color Code	TIA-598
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	2000 m	6,561.68 ft
Buffer Tube/Subunit Diameter	2.8 mm	0.11 in
Diameter Over Jacket	6.4 mm	0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded	140 mm	5.512 in
Minimum Bend Radius, unloaded	130 mm	5.118 in
Tensile Load, long term, maximum	400 N	89.924 lbf
Tensile Load, short term, maximum	500 N	112.404 lbf
Compression	20 N/mm	114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3

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Impact	2 N-m	17.701 in lb
Impact Test Method	IEC 60794-1 E4

Optical Specifications

Fiber Type	OM4

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.60 dB/km @ 1,300 nm	2.40 dB/km @ 850 nm
Standards Compliance	IEC 60794-1	TIA-492AAAD (OM4)

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	EN 50399	IEC 60332-1-2	IEC 60754-2	IEC 61034-2

Environmental Test Specifications

Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	33 kg/km	22.175 lb/kft

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

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Included Products

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

* Footnotes

Operating Temperature   Specification applicable to non-terminated bulk fiber cable

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