



Indoor/Outdoor Low Smoke Zero Halogen, LazrSPEED® Central Loose Tube Fiber Optic Cable, 24-fiber, Multimode OM3, Gel-filled, black

- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength

## 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
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760254778 INT/EXT GEL LOOSE TUBE 24X50/125 OM4 [Serial NUMBER] [METRE MARK]
Fibers per Subunit, quantity	24
Total Fiber Count	24

## Dimensions

Cable Length	2000 m   6,561.68 ft
Buffer Tube/Subunit Diameter	4 mm   0.157 in
Diameter Over Jacket	8 mm   0.315 in

## Mechanical Specifications

Minimum Bend Radius, loaded	150 mm   5.906 in
Minimum Bend Radius, unloaded	140 mm   5.512 in
Tensile Load, long term, maximum	300 N   67.443 lbf

760254778 | C-024-CN-5K-M24BK/40G/AY/E

Tensile Load, short term, maximum	600 N   134.885 lbf
Compression	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	20 N-m   177.015 in lb
Impact Test Method	IEC 60794-1 E4

Optical Specifications

Fiber Type	OM4, LazrSPEED®
------------	-----------------

Optical Specifications, Wavelength Specific

Standards Compliance	IEC 60794-1   TIA-492CAAB (OS2)
----------------------	---------------------------------

Environmental Specifications

Installation temperature	-5 °C to +50 °C (+23 °F to +122 °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	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Temperature Cycle	-30 °C to +70 °C (-22 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	60 kg/km   40.318 lb/kft
--------------	--------------------------

Included Products

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

\* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
-----------------------	---