

Fiber indoor/outdoor cable, LazrSPEED®, Single Jacket/Single Armor, 120 min Fire Survival, LSZH, 96 fiber, Gel-Filled, Stranded Loose Tube, Multimode OM4, Meters jacket marking, Black jacket color. Provides Rodent Resistance

- Corrugated steel tape armor is strong yet flexible, providing additional crush and rodent protection

## Product Classification

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

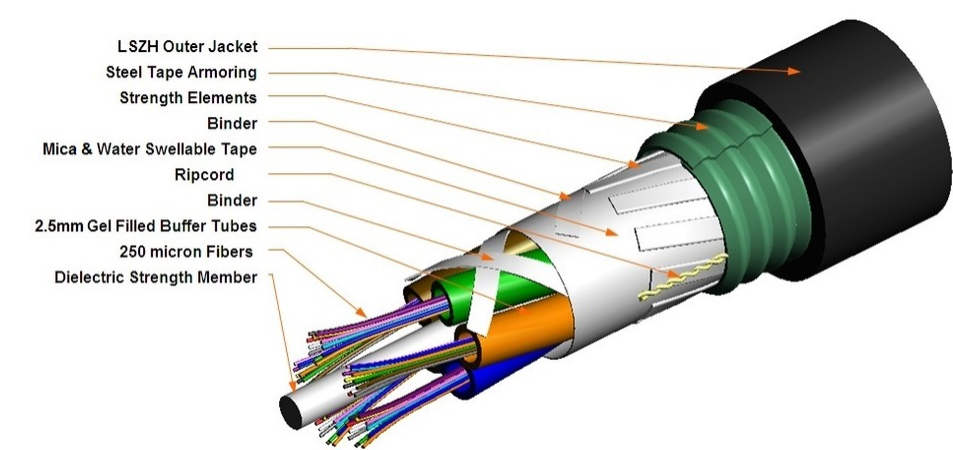
## General Specifications

|                              |   |
|------------------------------|---|
| Armor Type                   | Corrugated steel  |
| Cable Type                   | Stranded loose tube   |
| Construction Type            | Armored   |
| Subunit Type                 | Gel-filled  |
| Jacket Color                 | Black   |
| Jacket Marking               | Meters  |
| Jacket Marking Method        | Inkjet  |
| Jacket Marking Text          | COMMScope GB F.O. CABLE 760249994 INT/EXT FIRE SURVIVAL 96 X 50 /125 OM4 (Serial NUMBER) (METRE MARK) |
| Subunit, quantity            | 8   |
| Fibers per Subunit, quantity | 12  |
| Total Fiber Count            | 96  |

## Dimensions

|                              |                   |
|------------------------------|-------------------|
| Buffer Tube/Subunit Diameter | 2.5 mm   0.098 in |
| Diameter Over Jacket         | 16 mm   0.63 in   |

## Representative Image



## Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 330 mm   12.992 in                    |
| Minimum Bend Radius, unloaded     | 200 mm   7.874 in                     |
| Tensile Load, long term, maximum  | 2000 N   449.618 lbf                  |
| Tensile Load, short term, maximum | 4000 N   899.236 lbf                  |
| Compression                       | 20 N/mm   114.203 lb/in               |
| Compression Test Method           | IEC 60794-1 E3                        |
| Impact                            | 5 N-m   44.254 in lb                  |
| Impact Test Method                | IEC 60794-1 E4                        |
| Strain                            | See long and short term tensile loads |
| Strain Test Method                | IEC 60794-1 E1                        |
| Twist                             | 5 cycles                              |
| Twist Test Method                 | IEC 60794-1 E7                        |

## Optical Specifications

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

## Environmental Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Operating Temperature         | -30 °C to +70 °C (-22 °F to +158 °F) |
| Storage Temperature           | -40 °C to +75 °C (-40 °F to +167 °F) |
| Cable Qualification Standards | EN 187105   IEC 60794-1-2            |

760249994 | C-096-LA-5K-M12BK/25G/GY/FS

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|                               |   |
|-------------------------------|---|
| Environmental Space           | Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)   |
| Flame Test Method             | IEC 60331-25 (120) Fire resistance: 120 minutes at 750 °C (no fiber break)   IEC 60332-1   IEC 60754-1   IEC 60754-2   IEC 61034-2   NES 713 (<=5 - jacket material only) |
| Jacket UV Resistance          | UV stabilized   |
| Water Penetration             | 24 h  |
| Water Penetration Test Method | IEC 60794-1 F5  |

### Environmental Test Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Low High Bend Test Method     | IEC 60794-1 E11                      |
| Temperature Cycle             | -30 °C to +70 °C (-22 °F to +158 °F) |
| Temperature Cycle Test Method | IEC 60794-1 F1                       |

### Packaging and Weights

|              |                            |
|--------------|----------------------------|
| Cable weight | 304 kg/km   204.279 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 |
|-----------------------|---|