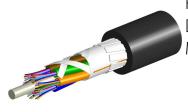
## 760091843 | Z-024-LN-5L-F12BK/20G/E



Fiber indoor/outdoor cable, LazrSPEED®, Mini Single Jacket, All-Dielectric, Riser/LSZH rated, 24 fiber, Gel-Filled, Stranded Loose Tube, Multimode OM3, Feet jacket marking, Black jacket color, Eca flame rating

#### Product Classification

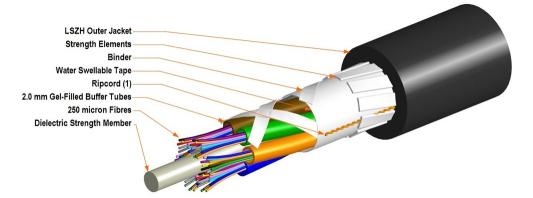
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	Z-LN
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Filler, quantity	4
Jacket Color	Black
Jacket Marking	Feet
Subunit, quantity	2
Fibers per Subunit, quantity	12
Total Fiber Count	24
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	11 mm   0.433 in

#### Representative Image

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#### Mechanical Specifications

165 mm   6.496 in
110 mm   4.331 in
800 N   179.847 lbf
2700 N   606.984 lbf
22 N/mm   125.623 lb/in
FOTP-41   IEC 60794-1 E3
25 cycles
FOTP-104   IEC 60794-1 E6
2.94 N-m   26.021 in lb
FOTP-25   IEC 60794-1 E4
See long and short term tensile loads
FOTP-33   IEC 60794-1 E1
10 cycles
FOTP-85   IEC 60794-1 E7
643 m   2,109.58 ft
OM3, LazrSPEED® 300   OM3, LazrSPEED® 300

#### **Environmental Specifications**

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-104-696   EN 187105   Telcordia GR-409
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)   Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-3   IEC 60754-2   IEC 61034-2   IEEE 1202   UL 1666   UL 1685
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82   IEC 60794-1 F5

#### Environmental Test Specifications

Cable Freeze	-2 °C   28.4 °F
Cable Freeze Test Method	FOTP-98   IEC 60794-1 F15
Drip	70 °C   158 °F
Drip Test Method	FOTP-81   IEC 60794-1 E14
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

### Packaging and Weights

#### Cable weight

127 kg/km | 85.34 lb/kft

#### Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	

#### Included Products

CS-5L-LT

 LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

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#### \* Footnotes

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

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