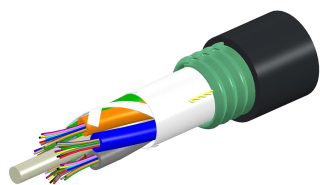


LazrSPEED® Single Jacket/Single Armor, Gel-Free, Outdoor Stranded Loose Tube Cable



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

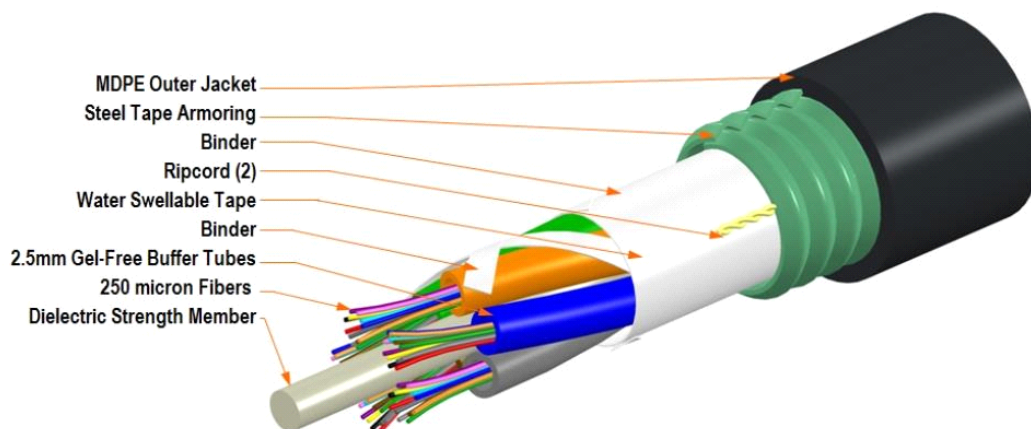
Product Classification

| | |
|------------------------------|---|
| Portfolio | CommScope® |
| Product Type | Fiber OSP cable |
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |

Standards And Qualifications

| | |
|--------------------------------------|--|
| Cable Qualification Standards | ANSI/ICEA S-87-640 EN 187105 Telcordia GR-20 |
|--------------------------------------|--|

Representative Image



General Specifications

| | |
|--------------------------|---------------------|
| Cable Type | Stranded loose tube |
| Construction Type | Armored |
| Subunit Type | Gel-free |

Construction Materials

| | |
|----------------------------|---------------------|
| Fiber Type Solution | OM3, LazrSPEED® 300 |
| Jacket Material | PE |
| Total Fiber Count | 24 |

| | |
|-------------------------------------|---------------------|
| Armor Type | Corrugated steel |
| Fiber Type | OM3, LazrSPEED® 300 |
| Fiber Type, quantity | 24 |
| Fibers per Subunit, quantity | 12 |
| Jacket Color | Black |
| Jacket UV Resistance | UV stabilized |

Dimensions

| | |
|-------------------------------------|---------------------------|
| Buffer Tube/Subunit Diameter | 2.50 mm 0.10 in |
| Cable Weight | 110.0 kg/km 74.0 lb/kft |
| Diameter Over Jacket | 11.50 mm 0.45 in |
| Filler, quantity | 3 |
| Subunit, quantity | 2 |

Physical Specifications

| | |
|--|---------------------|
| Minimum Bend Radius, loaded | 17.3 cm 6.8 in |
| Minimum Bend Radius, unloaded | 11.5 cm 4.5 in |
| Tensile Load, long term, maximum | 800 N 180 lbf |
| Tensile Load, short term, maximum | 2700 N 607 lbf |
| Vertical Rise, maximum | 740.0 m 2429.0 ft |

Environmental Specifications

| | |
|---------------------------------|--------------------------------------|
| Environmental Space | Aerial, lashed Buried |
| Installation Temperature | -30 °C to +70 °C (-22 °F to +158 °F) |
| Operating Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Storage Temperature | -40 °C to +75 °C (-40 °F to +167 °F) |

Mechanical Test Specifications

| | |
|--------------------------------|---------------------------------------|
| Compression | 44 N/mm 250 lb/in |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 35 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 4.41 N-m 3.25 ft lb |
| Impact Test Method | FOTP-25 IEC 60794-1 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | FOTP-33 IEC 60794-1 E1 |
| Twist | 10 cycles |
| Twist Test Method | FOTP-85 IEC 60794-1 E7 |

Water Penetration 24 h
Water Penetration Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze -2 °C | 28 °F
Cable Freeze Test Method FOTP-98 | IEC 60794-1 F15
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

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| RoHS 2011/65/EU | Compliant |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



Included Products

CS-5L-LT (Product Component—not orderable) — LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable