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| Reference Document | Document No. | LINDEN-SPE-7282 |
| Title | Cable Spec – High Strength (-256) | |

Cable Specification

| Item No. | Component | Details |
|----------|---------------------------------------|---|
| 1 | Cable OD | 3.0 mm (0.118”) nom. |
| 2 | Fiber | Three (3) x Singlemode |
| 3 | Jacket | Linden Proprietary Design; Primary strength coating: LCP/Aramid Braid/TPU |
| 4 | Attenuation @ 1310 nm (dB/km) | < 0.5 |
| 5 | Attenuation @ 1550 nm (dB/km) | < 0.5 |
| 6 | Optical Propagation Loss Measurements | Performed 100% on all cables at 1310nm and 1550nm |
| 7 | Tensile Strength (lbs) | 1,200 lbs |
| 8 | Safe Working Load (SWL) | Recommended guideline - 15% (180 lbs); SWL is application and environment dependent |
| 9 | Minimum Bend Radius (MBR) | Recommended guideline - 60 mm (2.4”); MBR is application and environment dependent |
| 10 | Weight in Air | Nom. 7.9 g/m (5.3 lbs/1,000ft) |
| 11 | Specific Gravity | Nom. 1.1 |
| 12 | Tensile Strength Measurement | Qualification by Calculation |
| 13 | Serialization | All cables will have Cable ID number for traceability |
| 14 | Test Data | A package detailing optical propagation will be supplied with each shipment |

OD (P/N): 3.0 mm (3-SM-A-35-B-38-T-95-Q-118)

For color designation add the following to Cable P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Black (-BLK)