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| Reference Document | Document No. | LINDEN-SPE-7277 |
| Title | Cable Spec – Buoyant Hybrid (-249) | |

Cable Specification

| Item No. | Component | Details |
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| 1 | Cable OD nom. | 5.4 mm (0.211") |
| 2 | Cable OD Tolerance | ±0.3mm (0.01") |
| 3 | Fiber | Two (2) x LINDEN-SPE-7096 |
| 4 | Jacket | Linden Proprietary Design; Primary strength coating: Tape Wrap/Aramid Braid/Foamed Polyurethane |
| 5 | Attenuation @ 1310 nm (dB/km) | < 0.5 |
| 6 | Attenuation @ 1550 nm (dB/km) | < 0.5 |
| 7 | Optical Propagation Loss Measurements | Performed 100% on all cables at 1310nm and 1550nm |
| 8 | Number of Conductors | Two (2) |
| 9 | Conductor Gauge | Two (2) @ #16 AWG |
| 10 | Tensile Strength (lbs) | 250 |
| 11 | Safe Working Load (SWL) | Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent |
| 12 | Minimum Bend Radius (MBR) | Recommended guideline - 108 mm (4.25"); MBR is application and environment dependent |
| 13 | Weight in Air | Nom. 35 g/m |
| 14 | Serialization | All cables will have Cable ID number for traceability |
| 15 | Test Data | A package detailing optical propagation will be supplied with each shipment |

OD (P/N): 5.4 mm (2-FO-2-CU-O-171-FQ-211)

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)