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| Reference Document | Document No. | LINDEN-SPE-7342 |
| Title | Cable Spec – MicroTether (-311) | |

Cable Specification

| Item No. | Component | Details |
|----------|---------------------------------------|--|
| 1 | Cable OD nom. | 8.4 mm (0.330") |
| 2 | Fiber | None |
| 3 | Jacket | Linden Proprietary Design; PVC/Aramid Braid/HDPE |
| 4 | Attenuation @ 1310 nm (dB/km) | N/A |
| 5 | Attenuation @ 1550 nm (dB/km) | N/A |
| 6 | Optical Propagation Loss Measurements | N/A |
| 7 | Number of Conductors | Two (2) |
| 8 | Conductor Gauge | #12 AWG |
| 9 | Voltage Rating | 600V |
| 10 | Resistance | 1.6 Ω/1,000 ft (5.25 Ω/km) |
| 11 | Tensile Strength (lbs) | 250 |
| 12 | Safe Working Load (SWL) | Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent |
| 13 | Minimum Bend Radius (MBR) | Recommended guideline - 168 mm (6.6"); MBR is application and environment dependent |
| 14 | Weight in Air (g/m) | 99 |
| 15 | Operating Temperature (°C) | -55 to 100 |
| 16 | Serialization | All cables will have Cable ID number for traceability |

OD (P/N): 8.4 mm (2-CU-O-270-S-330)

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)