# Linden Photonics, Inc.

*Purpose-Built Cables*

PRISM AWARDS WINNER

| Reference Document | Document No. | LINDEN-SPE-7540 |
|---|---|---|
| Title | Cable Spec – Copper (-491) | |

## Cable Specification

| Item No. | Component | Details |
|---|---|---|
| 1 | Cable OD nom. | 4.3 mm (0.170”) |
| 2 | Fiber | None |
| 3 | Jacket | Linden Proprietary Design; PP/Aramid/TPE |
| 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) cabled with 0.5” lay length. Foil Shield. |
| 8 | Conductor Gauge | #26 AWG |
| 9 | Tensile Strength (lbs) | 500 |
| 10 | Safe Working Load (SWL) | Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent |
| 11 | Minimum Bend Radius (MBR) | Recommended guideline - 86 mm (3.4”); MBR is application and environment dependent |
| 12 | S.G. | 1.0 nom. |
| 13 | Operating Temperature (°C) | -55 to 100 |
| 14 | Serialization | All cables will have Cable ID number for traceability |

OD (P/N): 4.3 mm (2-CU-O-108-L-170-ORN)

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)