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| Reference Document | Document No.               | LINDEN-SPE-7110 |
| Title              | Cable Spec – Hybrid (-054) |                 |

## Cable Specification

| Item No. | Component                             | Details  |
|----------|---------------------------------------|--|
| 1        | Cable OD                              | 12.7 mm (0.50")  |
| 2        | Cable OD Tolerance                    | ±0.5mm (0.02")   |
| 3        | Fiber                                 | 1 x Singlemode STFOC (LINDEN-SPE-7043)   |
| 4        | Jacket                                | Linden Proprietary Design;<br>Primary strength coating: LCP/Vectran<br>Braid/Nylon |
| 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                  | Three (3)  |
| 9        | Conductor Gauge                       | 16 AWG   |
| 10       | Tensile Strength (lbs)                | 450 lbs  |
| 11       | Serialization                         | All cables will have Cable ID number for traceability                              |
| 12       | Test Data                             | A package detailing optical propagation will be supplied with each shipment        |

OD (P/N): 12.7mm (1-SM-3-CU-Q-328-R-500)

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)