# Linden Photonics, Inc.

*Purpose-Built Cables*

PRISM AWARDS WINNER

| Reference Document | Document No. | LINDEN-SPE-7624 |
|---|---|---|
| Title | Cable Spec – 12 Channel Ribbon, RadHard | |

## Cable Specification

| Item No. | Component | Details |
|---|---|---|
| 1 | Fiber | Twelve (12) x Prysmian RadHard 50 µm BendBright™ Multimode fiber (50/125) |
| 2 | Jacket | Fluoropolymer Buffering System |
| 3 | Color | White |
| 4 | Cable Average Dimensions (mm) | 0.56 x 3.6 |
| 5 | Attenuation @ 850 nm (dB/km) | 4.0 |
| 6 | Attenuation @ 1300 nm (dB/km) | 2.5 |
| 7 | Optical Propagation Loss Measurements | Performed 100% on all cables at 850 nm & 1300 nm |
| 8 | Tensile Strength (N) | 500 |
| 9 | Ribbon Color Code | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua |
| 10 | Nom. Weight (g/m) | 2.0 |
| 11 | Operating Temp (°C) | -55 to +85 |
| 12 | Serialization | All cables will have Cable ID number for traceability |
| 13 | Test Data | Cable Report provided |

OD (P/N): 12-N-G-M-13-140