Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7534
Title	Cable Spec – Buoyant 2000	

Cable Specification

Item No.	Component	Details
1	Cable OD	6.2 mm (0.246”) nom.
2	Fiber	Singlemode
3	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Aramid/TPE/TPU
4	Attenuation @ 1310 nm (dB/km)	< 0.45
5	Attenuation @ 1550 nm (dB/km)	< 0.35
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Minimum Bend Radius (MBR)	Recommended guideline - 124 mm (4.92”); MBR is application and environment dependent
8	Tensile Strength (lbs.)	2,000
9	Safe Working Load (SWL)	Recommended guideline - 15% (300 lbs); SWL is application and environment dependent
10	Tensile Strength Measurement	Performed on each length of cable
11	Weight in air (kg/km)	28
12	S.G.	0.92 nom.
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 6.2 mm (1-SM-A-27-B-30-O-47-L-108-O-170-FQ-246);

Color designation add the following P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Neon Green (-NGN); Black (-BLK)