Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7491
Title	Cable Spec – Buoyant (-453)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.5 mm (0.177”)
2	Fiber	Two (2) x singlemode fibers Color Code: Blue, Orange
3	Jacket	Linden Proprietary Design; Foamed Polyurethane/Aramid/TPU
4	Attenuation @ 1310 nm (dB/km)	0.5
5	Attenuation @ 1550 nm (dB/km)	0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	S.G.	Nom 0.92
8	Tensile Strength (lbs)	660 lbs
9	Safe Working Load (SWL)	Recommended guideline - 15% (100 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 90 mm (3.5”); MBR is application and environment dependent
11	Nom. Weight in Air	14.5 kg/km
12	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 4.5 mm (2-SM-63-V-FQ-130-O-145-Q-177)

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)