Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7494
Title	Cable Spec – Buoyant (-456)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.0 mm (0.157”)
2	Fiber	Four (4) x singlemode fibers Color Code: Yellow, Brown, Blue, White
3	Jacket	Linden Proprietary Design; Aramid/PE
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 0.89
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 - 80 mm (3.1”); MBR is application and environment dependent
11	Nom. Weight in Air	11 kg/km
12	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 4.0 mm (4-SM-63-V-O-90-X-157)

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)