



Reference Document	Document No.	LINDEN-SPE-7412
Title	Cable Spec – Buoyant (250lbs)	

Cable Specification

Item No.	Component	Details
1	Cable OD	2.2 mm (0.085”) nom.
2	Fiber	Multimode
3	Jacket	Linden Proprietary Design; Primary strength coating: Hytrel/Kevlar/Santoprene
4	Attenuation @ 1310 nm (dB/km)	< 3
5	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm
6	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	250
7	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
8	Minimum Bend Radius (MBR)	Recommended guideline - 44 mm (1.7”); MBR is application and environment dependent
9	Tensile Strength Measurement	Qualification by Calculation
10	Specific Gravity	0.95 nom.
11	Operating Temp	-60°C to +85°C
12	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 2.2 mm (1-F-J-36-O-56-L-85-ORN)

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)