



Reference Document	Document No.	LINDEN-SPE-7248
Title	Cable Spec – Buoyant Hybrid (-213)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	8.6 mm (0.338")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	LINDEN-SPE-7096
4	Jacket	Linden Proprietary Design; Aramid Braid/Foamed TPU
5	Attenuation @ 1310 nm (dB/km)	<0.6
6	Attenuation @ 1550 nm (dB/km)	<0.6
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Six (6)
9	Conductor Gauge	2 x 20 AWG; 1 x 24 AWG Twisted Pair; 1 x 24 AWG Twisted Pair Isolated
10	Voltage Rating	600V
11	Tensile Strength (lbs)	200
12	Safe Working Load (SWL)	Recommended guideline - 15% (30 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 214 mm (8.4"); MBR is application and environment dependent
14	Serialization	All cables will have Cable ID number for traceability
15	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 8.6 mm (1-FO-6-CU-O-197-FQ-338)

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)