



Reference Document	Document No.	LINDEN-SPE-7262
Title	Cable Spec – Buoyant Hybrid (-233)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	16.2 mm (0.638")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	2 x Singlemode (LINDEN-SPE-7207)
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Vectran Braid/Foamed Polyurethane
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Six (6)
9	Conductor Gauge	Four (4) @ #16 AWG; Two (2) #24 AWG Twisted Pairs
10	Tensile Strength (lbs)	5,000
11	Safe Working Load (SWL)	Recommended guideline - 15% (750 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 324 mm (12.76"); MBR is application and environment dependent
13	Serialization	All cables will have Cable ID number for traceability
14	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 16.2 mm (2-FO-6-CU-O-155-FQ-638-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)