



Reference Document	Document No.	LINDEN-SPE-7354
Title	Cable Spec – Hybrid (-322)	

Cable Specification

Item No.	Component	Details
1	Cable OD	15.25 mm (0.600")
2	Fiber	2 x Singlemode Gel-Filled Loose-Tube (fiber colors: Blue, Green)
3	Construction	Linden Proprietary Design; Polypropylene/Polyethylene/Aramid/Nylon
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	Number of Conductors	Five (5)
8	Conductor Gauge	#16AWG (19/29)
9	Voltage Rating	600 V
10	Tensile Strength (lbs)	14,000
11	Safe Working Load (SWL)	Recommended guideline - 15% (2,100 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 305 mm (12"); MBR is application and environment dependent
13	Weight in Air (g/m)	190
14	Weight in Seawater (g/m)	47
15	Serialization	All cables will have Cable ID number for traceability
16	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 15.25 mm (2-FO-5-CU-Q-322-T-500-B-600)

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)