



Reference Document	Document No.	LINDEN-SPE-7332
Title	Cable Spec – Hybrid (-301)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	15.5 mm (0.610")
2	Fiber	4 x singlemode in GFLT 4 x multimode in GFLT
3	Jacket	Linden Proprietary Design; Primary strength coating: TPU/Aramid Braid/TPU
4	Attenuation @ 850nm (dB/km)	< 3.0
5	Attenuation @ 1300nm (dB/km)	< 0.8
6	Attenuation @ 1310 nm (dB/km)	< 0.4
7	Attenuation @ 1550 nm (dB/km)	< 0.25
8	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
9	Number of Conductors	Four (4)
10	Conductor Gauge	#28 AWG
11	Voltage Rating	1,000 VDC
12	Tensile Strength (lbs)	3,400 lbs
13	Safe Working Load (SWL)	Recommended guideline - 15% (510 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 310 mm (12.2"); MBR is application and environment dependent
15	Density (g/cm <sup>3</sup> )	1.13
16	Linear Weight (g/m)	215
17	Serialization	All cables will have Cable ID number for traceability
18	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 15.5 mm (8-FO-4-CU-Q-472-O-531-Q-610-RED)