



Reference Document	Document No.	LINDEN-SPE-7339
Title	Cable Spec – Copper (-308)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	10.2 mm (0.400")
2	Fiber	None
3	Jacket	Linden Proprietary Design; Primary strength coating: Aramid Braid/TPU
4	Attenuation @ 1310 nm (dB/km)	N/A
5	Attenuation @ 1550 nm (dB/km)	N/A
6	Optical Propagation Loss Measurements	N/A
7	Number of Conductors	Two (2) + Two (2) twisted pairs
8	Conductor Gauge	#16 AWG + #24 AWG
9	Voltage Rating	600 VDC
10	Tensile Strength (lbs)	880 lbs
11	Safe Working Load (SWL)	Recommended guideline - 15% (132 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 203 mm (8"); MBR is application and environment dependent
13	Density (g/cm <sup>3</sup> )	1.2 nom.
14	Linear Weight in air (g/m)	97
15	Linear Weight in water (g/m)	13.6
16	Serialization	All cables will have Cable ID number for traceability
17	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 10.2 mm (4-CU-O-283-FQ-400-YEL)