



Reference Document	Document No.	LINDEN-SPE-7393
Title	Cable Spec – Copper (-259)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	8.3 mm (0.325")
2	Fiber	None
3	Jacket	Linden Proprietary Design; PVC/Aluminum-Mylar Tape/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	Three (3)
8	Conductor Gauge	#14 AWG
9	Voltage Rating	300V
10	Resistance	2.9 Ω/1,000 ft (9.5 Ω/km)
11	Tensile Strength (lbs)	250
12	Safe Working Load (SWL)	Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 132 mm (5.2"); MBR is application and environment dependent
14	Weight in Air (g/m)	110
15	Operating Temperature (°C)	-55 to 100
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 8.3 mm (3-CU-AA-O-260-Q-325)

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)