



Reference Document	Document No.	LINDEN-SPE-7302
Title	Cable Spec – Copper (-277)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	3.5 mm (0.140")
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	None
4	Jacket	Linden Proprietary Design; PP/Aramid/TPE
5	Attenuation @ 1310 nm (dB/km)	N/A
6	Attenuation @ 1550 nm (dB/km)	N/A
7	Optical Propagation Loss Measurements	N/A
8	Number of Conductors	Two (2)
9	Conductor Gauge	#28 AWG
10	Tensile Strength (lbs)	250
11	Safe Working Load (SWL)	Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 78 mm (3"); MBR is application and environment dependent
13	S.G.	1.0 nom.
14	Operating Temperature (°C)	-55 to 100
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.5 mm (2-CU-O-100-L-140-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)