



Reference Document	Document No.	LINDEN-SPE-7230
Title	Cable Spec – Copper Ethernet + Power Supply (-190)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	9.1 mm (0.359")
2	Cable OD Tolerance	±0.5 mm (0.02")
3	Fiber	N/A
4	Jacket	Cat5E Cable; Aramid Braid/HDPE
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	Four (4)
9	Conductor Gauge	4 x #24 AWG Shielded Twisted Pair
10	Tensile Strength (lbs)	1,200
11	Safe Working Load (SWL)	Recommended guideline - 15% (180 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 182 mm (7.18"); MBR is application and environment dependent
13	Serialization	All cables will have Cable ID number for traceability
14	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 9.1 mm (4-CU-O-283-S-359-YEL)

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)