



Reference Document	Document No.	LINDEN-SPE-7243
Title	Cable Spec – Copper (-205)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	8.1 mm (0.320")
2	Cable OD Tolerance	±0.3mm (0.012")
3	Fiber	None
4	Jacket	Linden Proprietary Design; Primary strength coating: polypropylene/Aramid Fiber/Foamed TPU
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) TP
9	Conductor Gauge	#24 AWG Twisted Pair, Cat5e
10	Specific Gravity	Nom. 1.03
11	Tensile Strength (lbs)	300 lbs
12	Safe Working Load (SWL)	Recommended guideline - 15% (45 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 162 mm (6.4"); MBR is application and environment dependent
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 8.1 mm (4-CU-O-150-FQ-320-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)