



Reference Document	Document No.	LINDEN-SPE-7238
Title	Cable Spec – Copper (-199)	

Cable Specification

Item No.	Component	Details
1	Cable OD	10.8 mm (0.425")
2	Cable OD Tolerance	±0.5mm (0.020")
3	Fiber	None
4	Jacket	Polyurethane, Orange
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	Five (5)
9	Conductor Gauge	Four (4) x #22 AWG Conductors + One (1) x #26 AWG Twisted Pair
10	Voltage Rating	Conductor: 600 V Twisted Pair: 400V
11	Impedance	Conductor: < 62 Ohms/km Twisted Pair: < 157 Ohms/km
12	Tensile Strength (lbs)	1,000
13	Safe Working Load (SWL)	Recommended guideline - 15% (150 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline - 216 mm (8.50"); MBR is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 10.8 mm (5-CU-O-90-FQ-425-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)