Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7541
Title	Cable Spec – Copper (-502)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	10.7 mm (0.421”)
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) + Coax
8	Conductor Gauge	#14 AWG
9	Voltage Rating	600V
10	Resistance	2.9 Ω/1,000 ft (9.5 Ω/km)
11	Tensile Strength (lbs)	750
12	Safe Working Load (SWL)	Recommended guideline - 15% (113 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 214 mm (8.4”); MBR is application and environment dependent
14	Weight in Air (g/m)	126
15	Operating Temperature (°C)	-55 to 100
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 10.7 mm (4-CU-PP-O-321-Q-421)

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)