Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7530
Title	Cable Spec – Copper (-491)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	3.9 mm (0.154”)
2	Fiber	None
3	Jacket	Linden Proprietary Design; PP/Aramid/TPE
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	Two (2) cabled with 0.5” lay length. Waterblock.
8	Conductor Gauge	#26 AWG
9	Tensile Strength (lbs)	250
10	Safe Working Load (SWL)	Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 76 mm (3”); MBR is application and environment dependent
12	S.G.	1.0 nom.
13	Operating Temperature (°C)	-55 to 100
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 3.9 mm (2-CU-B-93-O-101-L-154-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)