Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7599
Title	Cable Spec – Copper (-551)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	7.62 mm +/- 0.254mm (0.300” +/-0.01”)
2	Fiber	None
3	Jacket	Linden Proprietary Design; PP/AL/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	Two (2) x # 22 TP
8	Conductor Gauge	#22 AWG (19/34)
9	Resistance	48 Ω/km
10	Tensile Strength (lbs)	350
11	Safe Working Load (SWL)	Recommended guideline - 15% (53 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 152 mm (6.0”); MBR is application and environment dependent
13	S.G.	0.99 nom.
14	Weight in Air (g/m)	45.6
15	Operating Temperature (°C)	-55 to 80
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 7.62 mm (2-CU-O-170-FQ-300)

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)