Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7571
Title	Cable Spec – Copper (-523)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	10.9 mm (0.430”)
2	Fiber	None
3	Jacket	Linden Proprietary Design; PE/Vectran 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 #18 + Four (4) x #26 TP
8	Conductor Gauge	#18 AWG (19/30) ; #26 AWG (7/34)
9	Voltage Rating	600V / 100V
10	S.G	0.99 nom.
11	Tensile Strength (lbs)	1,100
12	Safe Working Load (SWL)	Recommended guideline - 15% (165 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 199 mm (7.8”); MBR is application and environment dependent
14	Weight in Air (g/m)	73
15	Operating Temperature (°C)	-55 to 80
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 10.9 mm (6-CU-O-230-FQ-400-Q-430)

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)