Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7619
Title	Cable Spec – Hybrid (-572)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	13.2 mm (0.520”)
2	Fiber	1 x LINDEN-SPE-7265; 2-channel singlemode GFLT
3	Jacket	Linden Proprietary Design; Polypropylene/Aramid Braid/TPU
4	Attenuation @ 1310 nm (dB/km)	0.6
5	Attenuation @ 1550 nm (dB/km)	0.6
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2) x #14 AWG & one (1) x #16 AWG ground wire
8	Conductor Gauge	#14 AWG / #16 AWG
9	Tensile Strength (lbs)	1,000
10	Safe Working Load (SWL)	Recommended guideline - 15% (150 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 264 mm (10.4”); MBR is application and environment dependent
12	Weight in Air (g/m)	140
13	S.G.	1.02
14	Operating Temperature (°C)	-40 to 90
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 13.2 mm (2-FO-3-CU-O-476-FQ-520)

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)