Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7621
Title	Cable Spec – Hybrid (-574)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	14.2 mm (0.560”)
2	Fiber	1 x LINDEN-SPE-7264; 4-channel singlemode GFLT
3	Jacket	Linden Proprietary Design; Polypropylene/TPU/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	Six (6) x #12 AWG
8	Conductor Gauge	#12 AWG 63/30
9	Tensile Strength (lbs)	8,000
10	Safe Working Load (SWL)	Recommended guideline - 15% (1,200 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 284 mm (11.2”); MBR is application and environment dependent
12	Weight in Air (g/m)	296
13	Operating Temperature (°C)	-40 to 85
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 14.2 mm (1-FO-6-CU-Q-446-O-500-Q-560)

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)