Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7617
Title	Cable Spec – Hybrid (-570)	

Cable Specification

Item No.	Component	Details
1	Cable OD	9.9 mm (0.389”)
2	Fiber	One (1) x LINDEN-SPE-7264 (4-ch GFLT / Singlemode)
3	Jacket	Linden Proprietary Design; PP/Aramid/TPU
4	SM Attenuation @1310nm (dB/km)	< 0.6
5	SM Attenuation @1550nm (dB/km)	< 0.6
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Five (5)
8	Conductor Gauge	Two (2) x #18; Two (2) x #24 TP; One (1) x #18 GW; One (1) x #24 DW
9	Overall Jacket	TPU, Black
10	Weight	73 lbs./1,000 ft.
11	Voltage Rating	600V
12	Tensile Strength (lbs)	3,500
13	Safe Working Load (SWL)	Recommended guideline - 15% (525 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline – 198 mm (7.8”); MBR is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability
16	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 9.9 mm (1-FO-5-CU-O-289-Q-389)