Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7605
Title	Cable Spec – Hybrid (-558)	

Cable Specification

Item No.	Component	Details
1	Cable OD	7.8 mm (0.300”)
2	Fiber	One (1) x GFLT w/6 Singlemode fibers
3	Jacket	Linden Proprietary Design; PTFE/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	Two (2)
8	Conductor Gauge	M22759/10-14
9	Overall Jacket	TPU, Black
10	Weight	55.8 lbs./1,000 ft.
11	Voltage Rating	1,000V
12	Tensile Strength (lbs)	500
13	Safe Working Load (SWL)	Recommended guideline - 15% (75 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline – 152.5 mm (6.0”); 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): 7.8 mm (6-FO-2-CU-O-206-Q-300)