Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7593
Title	Cable Spec – High Strength, 2-channel Singlemode, (-545)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.8 mm (0.188”) nom.
2	Fiber	1 x LINDEN-SPE-7283 (2 x Singlemode (9/125))
3	Jacket	Linden Proprietary Design; Fibers/Aramid/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 1300nm
7	Tensile Strength (lbs)	2,000 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (300 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 96 mm (3.8”); MBR is application and environment dependent
10	Nom. Weight in Air	Nom. 20 kg/km
11	Serialization	All cables will have Cable ID number for traceability
12	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 4.8 mm (2-SM-V-63-O-128-Q-188)

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)