Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7308
Title	Cable Spec – Hybrid (-282)	

Cable Specification

Item No.	Component	Details
1	Cable OD	6.3 mm (0.248”)
2	Fiber	5 x Singlemode
3	Jacket	Linden Proprietary Design; Primary strength coating: GFLT/Tape Wrap/TPU
4	Attenuation @ 1310 nm (dB/km)	< 0.5
5	Attenuation @ 1550 nm (dB/km)	< 0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2)
8	Conductor Gauge	18 AWG 19/30
9	Cable Weight (lbs./1,000 ft.)	27 (41 g/m)
10	Minimum Bend Radius (MBR)	Recommended guideline - 126 mm (5”); MBR is application and environment dependent
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): 6.3 mm (5-FO-2-CU-Q-248)

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)