Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7572
Title	Cable Spec – Hybrid (-524)	

Cable Specification

Item No.	Component	Details
1	Cable OD	7.0mm (0.275”)
2	Fiber	LINDEN-SPE-7283; 2 x Singlemode (9/125)
3	Jacket	Linden Proprietary Design; PP/TPE
4	Attenuation @1310nm (dB/km)	< 0.6
5	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	24 AWG
9	Overall Jacket	Low Density Thermoplastic Elastomer
10	Tensile Strength (lbs)	450
11	Safe Working Load (SWL)	Recommended guideline - 15% (68 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 140 mm (5.5”); MBR is application and environment dependent
13	Specific Gravity	1.03
14	Serialization	All cables will have Cable ID number for traceability
15	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 7.0mm (2-FO-2-CU-O-164-L-275)

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)