Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7122
Title	Cable Spec – Hybrid (-070)	

Cable Specification

Item No.	Component	Details
1	Cable OD	10.0 mm (0.39”)
2	Cable OD Tolerance	±0.3mm (0.01")
3	Fiber	2 x Singlemode STFOC (LINDEN-SPE-7043)
4	Jacket	Linden Proprietary Design; Primary strength coating: STFOC/Vectran Braid/TPE
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Two (2)
9	Conductor Gauge	16 AWG
10	Cable Weight (lbs./1,000 ft.)	58
11	Tensile Strength (lbs)	2,200
12	Safe Working Load (SWL)	Recommended guideline - 15% (330 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 200 mm (7.8”); MBR is application and environment dependent
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): 10.0mm (2-FO-2-CU-O-155-Q-390)

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)