Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7568
Title	Cable Spec – Hybrid (-520)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.0 mm (0.158”)
2	Fiber	Two (2) x RadHard Linden STFOC; R1310-HTA O-band rad-hard Singlemode
3	Jacket	Linden Proprietary Design; Primary strength coating: STFOC/Vectran Braid/ETFE
4	Attenuation @ 1310 nm (dB/km)	< 1
5	Attenuation @ 1550 nm (dB/km)	< 0.75
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Number of Conductors	Two (2)
8	Conductor Gauge	20 AWG 19/29 Stranded, FEP Jacket
9	Voltage Rating	600 V
10	Cable Weight (lbs./1,000 ft.)	20
11	Tensile Strength (lbs)	450
12	Safe Working Load (SWL)	Recommended guideline - 15% (68 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 80 mm (3.2”); 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): 4.0 mm (2-FO-2-CU-T-128-M-158-BLK)

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)