Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7539
Title	Cable Spec – Hybrid (-500)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	9.5 mm (0.375”)
2	Fiber	One (1) x LINDEN-SPE-7264 (4-ch singlemode GFLT)
3	Jacket	Linden Proprietary Design; PE/Vectran Braid/TPE/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 850nm and 1300nm
7	Number of Conductors	Two (2) x #20 + Two (2) x #28 TP
8	Conductor Gauge	#20 AWG (19/32) ; #28 AWG (7/36)
9	Voltage Rating	600V / 100V
10	S.G	0.975 nom.
11	Tensile Strength (lbs)	1,100
12	Safe Working Load (SWL)	Recommended guideline - 15% (165 lbs); SWL is application and environment dependent
13	Minimum Bend Radius (MBR)	Recommended guideline - 191 mm (7.5”); MBR is application and environment dependent
14	Weight in Air (g/m)	70
15	Operating Temperature (°C)	-55 to 80
16	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 9.5 mm (4-FO-4-CU-O-218-L-325-Q-375)

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)