Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7515
Title	Cable Spec – Hybrid (-476)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	9.5 mm (0.374”)
2	Fiber	3 x 8-channel GFLT; 1.7mm OD singlemode
3	Jacket	Linden Proprietary Design; Polypropylene/Metal Shield/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	Four (4) x #20 AWG + one (1) x #24 AWG TP
8	Conductor Gauge	#20 AWG 19/32 Stranding
9	Tensile Strength (lbs)	1,600
10	Safe Working Load (SWL)	Recommended guideline - 15% (240 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 190 mm (7.5”); MBR is application and environment dependent
12	Weight in Air (g/m)	115
13	S.G.	1.5
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 9.5 mm (24-FO-5-CU-NN-274-Q-374)

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)