Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7514
Title	Cable Spec – Hybrid (-475)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	9.0 mm (0.352”)
2	Fiber	1 x GFLT; 4-channel singlemode
3	Jacket	Linden Proprietary Design; Polypropylene/Aramid Braid/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 1310nm and 1550nm
7	Number of Conductors	Four (4) x #24 AWG & two (2) x #30 AWG UTP
8	Conductor Gauge	#24 AWG 7/32 Stranding #30 AWG 7/38 Stranding
9	Tensile Strength (lbs)	1,540
10	Safe Working Load (SWL)	Recommended guideline - 15% (231 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 179 mm (7.0”); MBR is application and environment dependent
12	Weight in Air (g/m)	59
13	S.G.	0.94
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 9.0 mm (4-FO-6-CU-O-207-FQ-352)

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)