Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7512
Title	Cable Spec – Hybrid (-473)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	9.0 mm (0.352”)
2	Fiber	1 x LINDEN-SPE-7283; 2-channel singlemode
3	Jacket	Linden Proprietary Design; Polypropylene/Metal Shield/Aramid Braid/LDPE/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	Two (2) x #22 AWG
8	Conductor Gauge	#22 AWG 19/34 Stranding
9	Tensile Strength (lbs)	700
10	Safe Working Load (SWL)	Recommended guideline - 15% (105 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 (2-FO-2-CU-NN-138-O-158-X-223-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)