Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7529
Title	Cable Spec – Hybrid (-490)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	10.5 mm (0.411”)
2	Fiber	1 x LINDEN-SPE-7264; 4-ch GFLT singlemode
3	Jacket	Linden Proprietary Design; PTFE/AramidBraid/LDPE/Polyurethane
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	Ten (10) x #22 AWG
8	Conductor Gauge	#22 AWG
9	Tensile Strength (lbs)	2,500
10	Safe Working Load (SWL)	Recommended guideline - 15% (375 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 209 mm (8.2”); MBR is application and environment dependent
12	Weight in Air (g/m)	121
13	S.G.	1.41
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 10.5 mm (4-FO-10-CU-O-261-X-361-Q-411)

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)