



Reference Document	Document No.	LINDEN-SPE-7500
Title	Cable Spec – Hybrid (-461)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	12 mm (0.472")
2	Fiber	1 x LINDEN-SPE-7283; 2-channel singlemode GFLT
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 #20 AWG, one (1) x #28 AWG sense wire & one (1) #28 drain wire
8	Conductor Gauge	#20 AWG / #28 AWG
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 - 240 mm (9.4"); MBR is application and environment dependent
12	Weight in Air (g/m)	107
13	S.G.	0.944
14	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 12 mm (2-FO-5-CU-O-217-FQ-442-Q-472-YEL)

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)