



Reference Document	Document No.	LINDEN-SPE-7465
Title	Cable Spec – Hybrid (-428)	

Cable Specification

Item No.	Component	Details
1	Cable OD nom.	14.6 mm (0.530")
2	Fiber	1 x LINDEN-SPE-7283; 2-channel singlemode GFLT
3	Jacket	Linden Proprietary Design; Polyamid/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	Six (6) x #18 AWG
8	Conductor Gauge	#18 AWG
9	Tensile Strength (lbs)	2,000
10	Safe Working Load (SWL)	Recommended guideline - 15% (300 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 270 mm (10.6"); MBR is application and environment dependent
12	Weight in Air (g/m)	146
13	S.G.	1.02
14	Operating Temperature (°C)	-40 to 90
15	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 14.6 mm (1-FO-6-CU-O-273-FQ-530)

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)