



Reference Document	Document No.	LINDEN-SPE-7392
Title	Cable Spec – Hybrid (-354)	

Cable Specification

Item No.	Component	Details
1	Cable OD	11.4 mm (0.450")
2	Cable OD Tolerance	±0.75mm (0.03")
3	Fiber	4 x Singlemode STFOC (LINDEN-SPE-7264)
4	Jacket	Linden Proprietary Design; Primary strength coating: Cabled Elements /Polyester Tape Wrap/Aramid Braid/Foamed TPU
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Number of Conductors	Two (2)
9	Conductor Gauge	14 AWG
10	Voltage Rating	1,500 VDC
11	Calculated SG	1.025
12	Tensile Strength (lbs)	1,100
13	Safe Working Load (SWL)	Recommended guideline - 15% (165 lbs); SWL is application and environment dependent
14	Minimum Bend Radius (MBR)	Recommended guideline – 228 mm (9"); MBR is application and environment dependent
15	Serialization	All cables will have Cable ID number for traceability
16	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 11.4mm (4-FO-2-CU-O-230-FQ-450)

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)