



Reference Document	Document No.	LINDEN-SPE-7195
Title	Cable Spec – Hybrid (-170)	

Cable Specification

Item No.	Component	Details
1	Cable OD	6.35 mm (0.25")
2	Cable OD Tolerance	±0.25mm (0.01")
3	Fiber	1 x Singlemode STFOC (LINDEN-SPE-7034)
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Aramid Braid/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) / M22759/20-20
9	Conductor Gauge	20 AWG
10	Tensile Strength (lbs)	1,600 lbs
11	Safe Working Load (SWL)	Recommended guideline - 15% (240 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 127 mm (5"); MBR is application and environment dependent
13	Density	0.970 +/- .020 g/cc
14	Serialization	All cables will have Cable ID number for traceability
15	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 6.35mm (1-FO-2-CU-O-150-FQ-250)

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)