



Reference Document	Document No.	LINDEN-SPE-7114
Title	Cable Spec – High Strength - 85A TPU - 1100	

Cable Specification

Item No.	Component	Details
1	Cable OD	3.7 mm (0.147")
2	Cable OD Tolerance	±0.254mm (0.010")
3	Fiber	Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP/Vectran/TPU (Shore 85A)
5	Attenuation @ 1310 nm (dB/km)	< 0.45
6	Attenuation @ 1550 nm (dB/km)	< 0.35
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Min Bend Radius	35mm (1.4")
9	Tensile Strength (lbs)	1,100
10	Tensile Strength Measurement	Performed on each length of cable
11	Weight in air (kg/km)	27.5 kg/km
12	Calculated S.G	1.13
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): (1-SM-A-27-O-67-GG-147);

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)