



---

Reference Document	Document No.	LINDEN-SPE-7092	
Title	Cable Spec – High Temp STFOC 0.035”		
Rev	Date	Author	Notes
0	3/11/15	SMO	Initial Release

### Cable Specification

Item No.	Component	Details
1	Cable OD	0.890 mm (0.035”)
2	Cable OD Tolerance	±0.04mm (±0.0015”)
3	Fiber	Singlemode High Temperature Acrylate Buffered
4	Jacket	Linden Proprietary Design; Primary Strength Coating: LCP High Temperature Outer Jacket
5	Attenuation @ 1310 nm (dB/km)	< 0.45
6	Attenuation @ 1550 nm (dB/km)	< 0.40
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	50
9	Tensile Strength measurement	Performed 100% on all cables at stress rate ~ 100 lbs/min; average of 5 samples, 1 m samples cut from end of finished cable
10	Serialization	All cables will have Cable ID number for traceability
11	Test Data	A package detailing optical propagation, loss and tensile strength data will be supplied with each shipment
12	Operating Temperature	-60C to +150C