



Reference Document	Document No.	LINDEN-SPE-7394
Title	Cable Spec – Mid Temp 3-Channel STFOC 0.040”	

## Cable Specification

Item No.	Component	Details
1	Cable OD	1.02 mm (0.040”)
2	Cable OD Tolerance	±0.08mm (±0.003”)
3	Fiber	Singlemode
4	Jacket	Linden Proprietary Design; Primary strength coating: LCP
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	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	Weight	0.97 kg/km

OD (P/N): 1.02mm (3-SM-A-35-R-40)

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)