



Reference Document	Document No.	LINDEN-SPE-7197
Title	Cable Spec – STFOC Non-Kink MM	

Cable Specification

Item No.	Component	Details
1	Cable OD	2.00 mm (0.079")
2	Cable OD Tolerance	±0.01"
3	Fiber	Multimode (50/125)
4	Minimum Bend Radius	7.5 mm radius with <0.2 dB bending loss at 850 nm and 0.5 dB at 1300 nm
5	Jacket	Linden Proprietary Design; Primary strength coating: LCP
6	Attenuation @ 850 nm (dB/km)	3.5
7	Attenuation @ 1300 nm (dB/km)	3.0
8	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
9	Tensile Strength (lb); measured at stress rate ~ 100 lbs/min	70
10	Tensile Strength measurement	100% on all cables @ stress rate ~ 100 lbs/min; avg of 5 samples, 1 m cut from end of cable
11	Serialization	All cables will have Cable ID number for traceability
12	Test Data	A package detailing optical propagation, loss and tensile strength data will be supplied with each shipment
13	Weight (kg/km)	3.7

OD (P/N): 1-F-A-35-Q-79

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)