



Reference Document	Document No.	LINDEN-SPE-7229
Title	Cable Spec – STFOC Non-Kink Buoyant (1700lbs)	

Cable Specification

Item No.	Component	Details
1	Cable OD	5.9 mm (0.232") nom.
2	Fiber	Singlemode
3	Jacket	Linden Proprietary Design; Primary strength coating: LCP/LDP/Aramid Braid/LDPE
4	Attenuation @ 1310 nm (dB/km)	< 0.5
5	Attenuation @ 1550 nm (dB/km)	< 0.5
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
7	Tensile Strength (lbs)	1700 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (255 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 118 mm (4.64"); MBR is application and environment dependent
10	Nominal S.G.	0.98
11	Tensile Strength Measurement	Qualification by Calculation
12	Serialization	All cables will have Cable ID number for traceability
13	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 5.9 mm (1-SM-A-21-R-35-O-175-X-232)

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)