



Reference Document	Document No.	LINDEN-SPE-7404
Title	Cable Spec – High Strength, 8-channel Singlemode, (-367)	

## Cable Specification

Item No.	Component	Details
1	Cable OD	5.5 mm (0.216”) nom.
2	Fiber	8 x Singlemode (9/125)
3	Jacket	Linden Proprietary Design; Fibers/Aramid/Polyurethane
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 & 1550nm
7	Tensile Strength (lbs)	250 lbs
8	Safe Working Load (SWL)	Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 110 mm (4.3”); MBR is application and environment dependent
10	Nom. Weight in Air	Nom. 25 kg/km
11	Serialization	All cables will have Cable ID number for traceability
12	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 5.5 mm (8-SM-U-114-O-134-Q-216)

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)