



Reference Document	Document No.	LINDEN-SPE-7275
Title	Cable Spec – High Strength (-247)	

Cable Specification

Item No.	Component	Details
1	Cable OD	15.0 mm (0.590”) nom.
2	Fiber	4 x Singlemode (LINDEN-SPE-7096)
3	Jacket	Linden Proprietary Design; Fibers/Polypropylene/Aramid/Polypropylene/TPU
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	S.G.	Nom. 1.0
8	Tensile Strength (lbs)	8,000 lbs
9	Safe Working Load (SWL)	Recommended guideline - 15% (1,200 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 300 mm (11.8”); MBR is application and environment dependent
11	Nom. Weight in Air	176 kg/km
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): 15.0mm (4-FO-P-169-O-216-P-246-FQ-393)

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)