



Reference Document	Document No.	LINDEN-SPE-7300
Title	Cable Spec – High-Strength (-275)	

Cable Specification

Item No.	Component	Details
1	Cable OD	4.5 mm (0.176”) nom.
2	Fiber	Singlemode (9/125/245)
3	Fiber Color(s)	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
4	Jacket	Linden Proprietary Design; PVDF/Kevlar/TPU
5	Attenuation @ 1310 nm (dB/km)	< 0.5
6	Attenuation @ 1550 nm (dB/km)	< 0.5
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm
8	Tensile Strength (lbs.)	250
9	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline – 90 mm (3.5”); MBR is application and environment dependent.
11	Weight in air	16.25 g/m
12	Operating Temp	-40°C to +85°C
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 4.5 mm (12-FO-U-114-O-134-Q-176-YEL);