



Reference Document	Document No.	LINDEN-SPE-7267
Title	Cable Spec – 8SM-LTGF 2.9mm (-238)	

Cable Specification

Item No.	Component	Details
1	Cable OD	2.9 mm (0.114")
2	Cable OD Tolerance	±0.1 mm (0.004")
3	Fiber	Singlemode (9/125/245)
4	Fiber Color(s)	Blue, Orange, Green, Brown, Slate, White, Red, Black
5	Attenuation @ 1310 nm (dB/km)	<0.35
6	Attenuation @ 1550 nm (dB/km)	<0.25
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
8	Tensile Strength (lb)	N/A
9	Temperature Rating	-40 to +85 °C
10	Storage Temperature	-40 to +85 °C
11	Jacket Type	PVDF
12	MBR	a) 2.3" (5.8cm) - Installation b) 1.15" (2.9cm) - In Service
13	Weight	4 lbs/1,000 ft. (5.95 kg/km)

OD (P/N): 2.9 mm (8-SM-U-114)

Color designation add the following P/N: Blue (-BLU); Brown (-BRN); Green (-GRN); Gray (-GRA); Orange (-ORN); Red (-RED); Violet (-VIO); White (-WHT); Yellow (-YEL); Black (-BLK)