Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7312
Title	Cable Spec – 24SM-LTGF 8.5mm (-285)	

Cable Specification

Item No.	Component	Details
1	Cable OD	8.5 mm (0.334”) nom.
2	Fiber	Singlemode (9/125/245)
3	Fiber Color(s)	Blue, Orange, Green, Brown, Slate, White, Red, Black
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 (lb)	N/A
8	Temperature Rating	-40 to +85 °C
9	Storage Temperature	-40 to +85 °C
10	Individual Tube Jacket Type	PVDF
11	Safe Working Load (SWL)	Recommended guideline - 15% (37.5 lbs); SWL is application and environment dependent
12	Minimum Bend Radius (MBR)	Recommended guideline - 170 mm (6.7”); MBR is application and environment dependent
13	Jacket	PVDF/Aramid Braid/TPU
14	Weight	33 lbs/1,000 ft. (50 g/m)

OD (P/N): 8.5 mm (24-FO-O-270-Q-334)

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)