Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7321
Title	Cable Spec – High Strength 4-Ch STFOC	

Cable Specification

Item No.	Component	Details
1	Cable OD	5.9 mm (0.232”) nom.
2	Fiber	Four (4) x Singlemode (9/125/245); Blue, Orange, Green, Brown
3	Jacket	Linden Proprietary Design; Gel-filled Polyamide Tube/Vectran/TPU
4	Attenuation @ 1310 nm (dB/km)	0.36 dB/km
5	Attenuation @ 1550 nm (dB/km)	0.21 dB/km
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310 nm and 1550 nm
7	Tensile Strength (lbs.)	250
8	Safe Working Load (SWL)	Recommended guideline - 15% (38 lbs); SWL is application and environment dependent
9	Minimum Bend Radius (MBR)	Recommended guideline - 118 mm (4.64”); MBR is application and environment dependent
10	Weight in air	27 kg/km
11	Operating Temp	-40°C to +85°C
12	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 5.9 mm (4-SM-V-102-T-142-Q-232)

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)