Linden Photonics, Inc.

Purpose-Built Cables

PRISM AWARDS WINNER

Reference Document	Document No.	LINDEN-SPE-7483
Title	Cable Spec – Phase Stabilized STFOC (TCD) (-445)	

Cable Specification

Item No.	Component	Details
1	Cable OD	13.8 mm (0.543”)
2	Fiber	30 x Singlemode (LINDEN-SPE-7193) Fiber Color Code: Blue, Orange, Green, Brown, Grey, White Fiber Tube Color: Blue, Orange, Green, Brown, Grey
3	Fiber Relevant Specification(s)	The fiber fully complies with or exceeds the ITU-T recommendations G.657.A2, G.657.B2 (2009) and G.652.D (2009), the IEC International Standard 60793-2-50 type B.1.3 and B.6.A&B Optical Fiber Specification and is backwards compatible with all other G.652 fiber.
4	Jacket	Linden Proprietary Design; LCP/Aramid/Nylon/HDPE
5	Attenuation @ 1310 nm (dB/km)	< 0.6
6	Attenuation @ 1550 nm (dB/km)	< 0.6
7	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310nm and 1550nm
9	Tensile Strength (lbs)	1,000 lbs
10	Safe Working Load (SWL)	Recommended guideline - 15% (150 lbs); SWL is application and environment dependent
11	Minimum Bend Radius (MBR)	Recommended guideline - 276 mm (10.9”); MBR is application and environment dependent
12	Nom. Weight in Air	126 kg/km (85 lbs/1,000 ft)
13	Serialization	All cables will have Cable ID number for traceability
14	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 13.8 mm (30-7193-O-383-B-463-S-543)

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)