Reference Document	Document No.	LINDEN-SPE-7484
Title	Cable Spec – Phase Stabilized STFOC (TCD) (-446)	

Cable Specification

Item No.	Component	Details
1	Cable OD	8.35 mm (0.329”)
2	Fiber	10 x Singlemode (LINDEN-SPE-7193) Fiber Color Code: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet
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
8	Tensile Strength (lbs)	1,000 lbs
9	Safe Working Load (SWL)	Recommended guideline - 15% (150 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 167 mm (6.6”); MBR is application and environment dependent
11	Nom. Weight in Air	50 kg/km (33.5 lbs/1,000 ft)
12	Serialization	All cables will have Cable ID number for traceability
13	Test Data	A package detailing optical propagation will be supplied with each shipment

OD (P/N): 8.35 mm (10-7193-O-169-B-249-S-329)
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)