



Reference Document	Document No.	LINDEN-SPE-7268
Title	Cable Spec – High Strength 3-Ch STFOC	

## Cable Specification

Item No.	Component	Details
1	Cable OD	4.8 mm (0.190”) nom.
2	Fiber	Three (3) x Multimode (62.5/125/245) OM1 OFS Laser Optimized
3	Jacket	Linden Proprietary Design; Gel-filled Polyamide Tube/Aramid/TPU
4	Attenuation @ 850 nm (dB/km)	Nom. 2.9 dB/km
5	Attenuation @ 1300 nm (dB/km)	Nom. 1.0 dB/km
6	Optical Propagation Loss Measurements	Performed 100% on all cables at 1310 nm and 1550 nm
7	Min Bend Radius	96 mm
8	Tensile Strength (lbs.)	1,200
9	Safe Working Load (SWL)	Recommended guideline - 15% (180 lbs); SWL is application and environment dependent
10	Minimum Bend Radius (MBR)	Recommended guideline - 96 mm (3.78”); MBR is application and environment dependent
11	Weight in air	20 kg/km
12	Operating Temp	-40°C to +85°C
13	Serialization	All cables will have Cable ID number for traceability

OD (P/N): 4.8 mm (3-I-V-63-O-103-Q-190)

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)