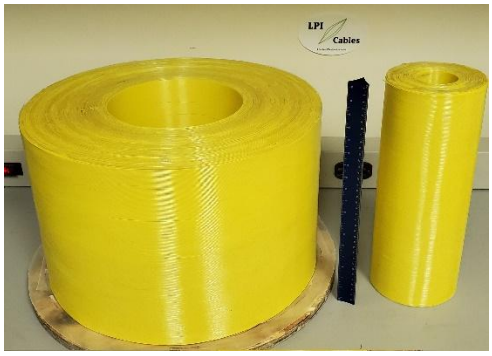
Precision Wound Spools

Tangle Free

Internal Deployment

Precision Wound Packs



These precision-wound optical fiber packs are designed for use in mission critical applications like subsea munitions and aerial drones. They provide a provide a capability for a secure, non-jammable two-way, high-bandwidth communication link.

Fiber optic links can be bare fiber, buffered fiber or Strong Tether Fiber Optic Cable (STFOC™). These spools are for slow, low tension payout or high-speed rapid payout. Fiber pays out in such a manner that the spool remains stationary during deployment. Precision packs can be designed with singlemode or can be modified with multimode fiber. Linden has delivered packs 30 km in length!

SUBSEA PACK SIZES - STFOC™ - BSTFOC™

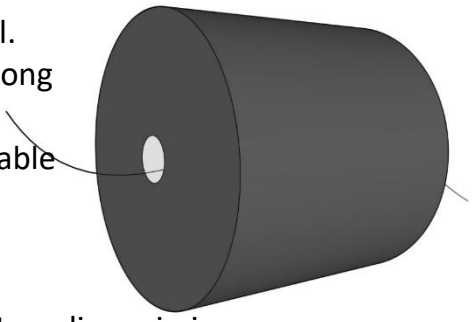
Spool ID	Spool OD	Spool Length	Cable Length	P/N
2"	5"	12"	3.75km	7260-2-5-12
7"	13"	9.5"	20km	7260-7-13-9.5
7"	16"	9.5"	30km	7260-7-16-9.5

Ordering Information

AAAA-BB-CC-DD A = Cable Type / B= ID (in.) / C = OD (in.) / D = Spool Length (in.)

FLY BY FIBER – BARE/BUFFERED FIBER

Maintaining a link with your drone in a high EMI environment is critical. Wireless drones can be hacked, jammed and disabled. The solution is long range fiber optic packs. These packs are lightweight, provide high data bandwidth and provide continuous communications Externally deployable spools.



		Strong Fiber Cable			
Spec No.	Part No.	Fiber Length (km)	L (mm)	OD (mm)	Total Wt (kg)
LINDEN-SPE-7546	SF-5.5-3.5-1	1	140	89	1.20
LINDEN-SPE-7547	SF-5.5-4.5-2	2	140	114	1.60
LINDEN-SPE-7548	SF-5.5-5.2-5	5	260	152	2.80
		Bare Fiber			
Spec No.	Part No.	Fiber Length (km)	L (mm)	OD (mm)	Total Wt (kg)
LINDEN-SPE-7551	BF-2-2.8-1	1	51	73	0.21
LINDEN-SPE-7553	BF-3.5-3.5-5	5	122	89	0.55
LINDEN-SPE-7554	BF-4-4.5-10	10	140	114	1.01
LINDEN-SPE-7555	BF-5-5.5-20	20	200	140	2.10

-No radio emissions means operator & drone cannot be located and targeted.
-Easy release does not obstruct drone flight
-High Speed Deployment
-Length up to 25 km

CONTACT LINDEN FOR DRAWINGS, SPECIFICATIONS OR CUSTOM REQUIREMENTS



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