



Precision Wound Spools

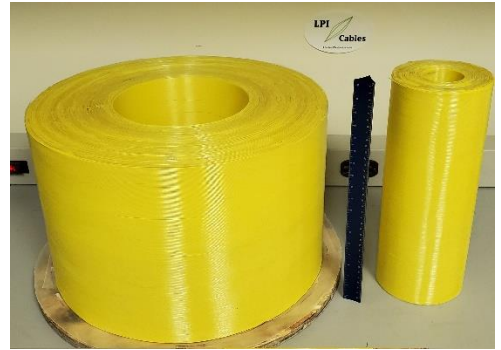
Tangle Free

Internal Deployment



PRECISION WOUND PACKS

These precision-wound optical fiber packs are designed for use in such critical applications as submarine-launched buoys, underwater munitions and terrestrial robots to provide a capability for two-way, high-bandwidth communications.



Our standard spools are made from either Strong Tether Fiber Optic Cable (STFOC™), Buoyant STFOC™- or bare optical fiber. These spools are for slow, low tension payout or high-speed rapid payout. Fiber pays out from the inside of the spool so 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!

EXAMPLE 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.)

Custom Spools

In addition to our standard, cost efficient precision wound spools, we are able to leverage our quality team of engineers to design and build custom spools with specialty fiber or cable in custom sizes to meet your exacting requirements. Some of our custom design capabilities include;

- Externally deployable spools
- Buoyant cables
- High strength cables
- Specialty optics
- Custom Sizes
- Custom designed canisters



CONTACT LINDEN FOR DRAWINGS, SPECIFICATIONS OR CUSTOM REQUIREMENTS

PRESSURE TESTING AND DEPLOYMENT TESTING AVAILABLE



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