

The longest fiber optic cable reel



Article Overview

The longest fiber optic cable reel you can buy commercially is the JackReel XL1, which can hold up to 4,500 feet of 0.2-inch diameter fiber optic cable.

High-Capacity Options

- **JackReel XL1:** This heavy-duty steel reel can store 4,500 feet ($\approx 1,372$ meters) of 0.2" OD cable, 2,500 feet of 0.3" OD cable, or 1,100 feet of 0.4" OD cable. It is designed for multi-channel tactical fiber optic cables, SMPTE camera cables, and audio snake cables. Features include a protective drum to maintain bend radius, a drum divider plate for connectors, adjustable cam-lock drag brake, and locking caster wheels for portability and safe deployment .
- **Stran Technologies Shane™ RFO-1000:** This reel accommodates 1,000 meters ($\approx 3,280$ feet) of 6mm diameter fiber optic cable. It is constructed from full steel for durability and repeated use, suitable for industrial and broadcast applications .
- **Foss Tactical Reels:** Available in aluminum construction, these reels handle 100, 250, or 500 meters of fiber optic cable. They are lightweight, stackable, and designed for mobile or temporary network deployments, with protected storage for connectors and foldable handles .

Considerations When Choosing a Reel

- **Cable Diameter:** Reel capacity decreases as cable diameter increases. For example, the JackReel XL1 holds less cable if the diameter exceeds 0.2 inches .
- **Material and Durability:** Steel reels like the JackReel XL1 and Stran Shane™ series offer maximum durability for repeated use, while aluminum reels are lighter and easier to transport.

Article Content

What is the world's largest fiber optic cable?

Fiber optic cables like 2Africa are the backbone of the modern internet, enabling the seamless flow of data across continents. They

Tactical Fiber Optic Cable Reel, 500 Meter

The RFO-500-6 cable reel holds 500 meters of 6mm overall diameter cable. The full steel construction offers strength and durability

20km Fiber Optic Cable Reel (V1 Large) – Skyslin

Before using a 5km fiber optic cable reel, be sure to remove the transport protection zip ties and 4 protective buckles. Note: Directly

Fiber Optic Cable Reels – Fiber Savvy

The military cable reel has options to contain fiber optic cleaning kits, flip-out handle construction, a 30ft. built-in divider, connector

Fibre-optic Link Around the Globe

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly- submarine

[FIB-100-CTST] Stage Ninja® Stainless Steel 100-ft (30.48 m) Single ...

One hundred feet (30.48 m) of high-flex, tactical single-mode fiber optic cable with LC connectors is commutated through a

Contact Us

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