

How to disassemble the optical cable reel



Overview

In this video we show you how to disassemble the RAASM cable reels, guiding you step by step in the operations.*** English subtitles available ***You can als...

Key Takeaways

Remove an optical cable from a reel by carefully unwinding it from the outside while avoiding twists, kinks, and excessive force on the connectors. Step 1: Prepare the Cable and Reel Place the reel on a stable surface or use a cable unwinder if available. If the reel is lying on its side, ensure it can rotate freely to prevent tangling.

Avoid cutting the cable from the middle of the reel, as this can introduce twists and bends that may damage the fiber inside. Step 2: Unwind the Cable Pull the cable gently from the outside of the reel, keeping it straight and untwisted. If the reel is large or heavy, consider using a shaft or unroller to guide the cable smoothly.

Avoid bending the cable sharply or applying excessive tensile force, as this can compromise the optical fiber's integrity. Step 3: Handle the Connectors When removing the cable from a device or protective packaging, grip the connector, not the cable itself. Pull the connector straight out without twisting.

If the connector has clips or locks, gently squeeze the sides while pulling to release it. After removal, cover the connectors with protective caps to prevent dust accumulation and damage. Step 4: Store or Route the Cable Once unwound, coil the cable loosely without folding or kinking it.

Maintain the minimum bend radius specified by the manufacturer to avoid fiber breakage. If storing for later use, keep the cable in a clean, dry environment and avoid stacking heavy objects on it.

Additional Tips

Always wear eye protection when handling optical cables, as fiber shards can be sharp. Avoid pulling the cable too hard; optical fibers are sensitive to tensile stress. Use cable guides or reels designed for optical fiber to extend the cable's service life and prevent damage during installation.

By following these steps, you can safely remove an optical cable from a reel while preserving its performance and longevity.

Article Content

Fiber Optic Cable Reel User Manual

The cable reel must be secured to a solid surface using at least (4) M8 or 5/16" bolts, either from the top or bottom. From the top: use the (4) 8.4mm diameter holes in the chassis cross angles to secure to a

Cable reels tutorial

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Cable Reel/Cable/Angle/Length

Remove the three socket head cap screws on the cover of the cable reel using a 8mm wrench and ground wire. Set the hardware and cover in a safe place to avoid damage.

Troubleshooting DIY cable reels.

Using the scissors, carefully make some light "bites" to peel off the rubber sheath. Once marked, stretch it. We peel 1 cm or a little more from the end of the 3 cables. Once the cable is

CORDTECH 17AGR INSTRUCTION MANUAL Pdf

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Professional Cable Reel Instruction Manual

Ensure that power supply voltage does not exceed maximum voltage rating of reel. Ensure that reel is properly be installed before connecting to power supply. Ensure that all electrical power is removed

Resource Center | Hose, Cord and Cable Reels

Learn how to repair, replace, and adjust your Reelcraft reel with these technical and instructional videos. Find resources for your reel including service manuals, technical bulletins, warranty information,

Procedure for Cutting and Respooling Fiber Optic Cable

Inspect and repair all reels prior to use. Check the inside of the reel flanges for objects that could damage the cable as it pays off. Changes in temperature and humidity can cause the wooden

Corning fiber optic cable Standard recommended procedure

Learn how to properly cut and respool Corning Cable Systems fiber optic cables with this step-by-step guide, ensuring proper safety and handling techniques.

Fiber Optic Cable Reels for Mobile and Rugged

Foss provides durable fiber optic cable reels for mobile, tactical, and industrial applications. Designed for easy transport, quick deployment, and reliable

7 Types of Cable Trays: How to Choose the Right One

Cable tray systems are engineered support structures designed to route, support, and protect insulated electrical cables used for power distribution, control, instrumentation, and

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Fiber Optic Cable Reel User Manual

The FCR-1000 series cable reels are designed to fit Princetel's standard FORJs and slip rings. The rotary joints are protected inside the drum for durability and seamless deployment of single or multi

Procedure for Cutting and Respooling Fiber Optic Cable

GENERAL 1.1 Improper use of a respooler (Figure 1) can cause damage to a cable jacket or result in wavy fiber in tight buffered cables due to cable crossovers or excessive tensile loading. This

fiber optic cable reel

The fiber optic cable reel is designed to protect and organize the fiber optic cable during storage and transportation.

Learn How To Disassemble A Fishing Reel Like A Pro

Disassembling your reel can seem intimidating, but with the right tools and guidance, you'll be able to do it like a pro. In this article, we'll walk you through the benefits of disassembling

SOLOSHOT 3 and SOLOSHOT 3+ | I've had to replace one of

I've had to replace one of the bands for the horizontal rotation. It required fully dismantling the soloshot and was incredibly awkward. Working now though! I had some spares from a broken soloshot.

How do I unreel cables correctly from the cable reel?

At customers' premises, I often observe how the electricians unwind cables from the cable reels or remove them from the cable ring in various ways during

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