

Optical Cable Reel



Article Overview

An optical cable reel is a specialized spool designed to store, transport, and deploy fiber optic cables safely, preventing damage and ensuring proper cable management.

Definition and Purpose

An optical cable reel (also called a fiber optic cable reel) is a device used to hold and manage fiber optic cables, which are delicate strands of glass or plastic that transmit data via light signals. These reels are engineered to protect the cables from bending, twisting, or excessive tension, which could impair their performance or render them unusable during installation or transport . They are essential in telecommunications, data centers, and industrial applications where high-speed data transmission is required .

Design and Materials

Optical cable reels can be made from metal, plastic, or wood, depending on the application. Key design features include:

- Flanges and drum cores to secure cables and accommodate multiple cable sizes .
- Tension control mechanisms to prevent over-stretching during winding and unwinding .
- Shock protection and locking devices in advanced models to safeguard cables during movement .
- Lightweight modular designs, such as the MARS system, allow for easy transport and rapid deployment in harsh environments

Article Content

Fiber Optic Cable Reels | Micropol

Micropol designs and manufactures rugged cable reels, cable drums, and event fiber reels in Sweden,

BX-05 Portable Industrial Metal Fiber Optic Cable Reel

Its portable design, often including wheels and a retractable handle, allows for easy transportation across

Fiber Optic Cable Reel User Manual

About the Reel The FCR-1000 series cable reels are designed to fit Princetel's standard FORJs and slip rings. The rotary joints are

Fiber Optic Cable Reels

Fiber Optic Cable Reels RFO-100-5 The most compact RFO series reel we offer. Rated capacity of 100m at 7mm cable OD. View

fiber optic cable reel

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

Fibre optic cable reels

Fibre optic cable reels with different barrel diameters and winding widths. The barrel is coated with PE

Cable Reels| Cable Storage | Cable Deployment

Our selection of cable reels are perfect for storing and easily deploying fiber optic and Ethernet cables and

Fiber Optic Cable Reels, Cable Drum Dispensers, Spools

Cable drum dispensers for fiber cable pulling jobs, three piece lightweight spools for fiber storage, heavy duty cable reels for

MODULAR ADVANCED REEL SYSTEM (MARS

Introducing Optical Cable Corporation's MARSTM Cartridge System, another accessory member of Modular Advanced Reel System

Modular Advanced Reel System (MARS)

The OCC MARS reel can be used with simple deployable axials ("broom sticks") or with integrated A-Frames, cable acquisition

Pre Terminated Fiber Optic Cable Reel For Sale

It prevents kinks exceeding the 30mm minimum bend radius. You can easily manage single-mode fibers. It organizes cables,

Buy Fiber Optic Cable Reels

Fiber Optic Cables Online shopping for Reels of Fiber Optic Cables. We carry a vast selection of items from the best brands.

Fiber Optic Cable Reels - Fiber Savvy

Fiber Savvy supplies only the best Fiber Optic Cable Reels available on the market. Made out of an impact

Fiber Optic Cable Reels for Mobile and Rugged

Foss provides durable fiber optic cable reels for mobile, tactical, and industrial applications. Designed for

Reel In A Box, Single-Fiber, Tight-Buffered Cable, Plenum

Reel in a Box is Corning's innovative packaging solution for small reels of fiber optic cable in all inside plant applications, such as

Fiber Optic Cable Reels

With next level engineering, our Fiber Optic Cable Reels exclusively manufactured by OCC are guaranteed

Modular Advanced Reel System Reels (MARS)

Modular Advanced Reel System Reels (MARS) - the industry's first lightweight cable deployment reel system designed specifically

MARS Deployable

The OCC MARS reel can be used with simple deployable axials ("broom sticks") or with integrated A-Frames, cable acquisition

JackReel F4 High-Performance Fiber Optic Ready Cable Reel

The JackReel F4 High-Performance Fiber Optic Ready Cable Reel is a rugged and lightweight high-impact broadcast cable reel

Fiber Optic Cable Reels | Micropol

Discover Micropol's sturdy cable reels designed for diverse applications. Find dependable solutions for your cable management

MARS® - RiO® Reel

Optical Cable Corporation introduces RiO ®, an inherent solution combining a multichannel fiber optic

Fibre optic cable reels

21 Fibre optic cable reels Fibre optic cable reels with different barrel diameters and winding widths. The

TecNec JackReel XL1 | High Capacity Heavy Duty

The JackReel-XL1 is a fantastic value for a super high capacity steel cable reel that is specially designed

Audio, Video & Fiber Optic | Hannay Reels Official Site

Audio, Video and Fiber Optic Hannay offers durable, dependable cable reels to protect expensive fiber optic cable, broadcast cables,

Mobile Cable Reel, Optical Cable Reel, Optical Fiber Take up Reel ...

Optical fiber reel (also known as mobile cable reel) mainly used for winding optical fiber, signal line, power cord and other cables The

BX-05 Portable Industrial Metal Fiber Optic Cable Reel

The BX-05 Portable Field Deployable Industrial Metal Fiber Optic Cable Reel, 100-1500m is a robust and

Standard Manual Cable Reels

Standard Manual Cable Reels *Click on the images for larger view* Princetel offers a complete line of

Contact Us

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