

# ABS optical cable reel



## Overview

Cable ABS Reel—Customizable size—Cable ABS Reels are plastic spools or drums made from Acrylonitrile Butadiene Styrene (ABS), a tough Modular Advanced Reel.

## Key Takeaways

ABS optical cable reels are durable, lightweight, and corrosion-resistant spools designed for safe storage, transport, and handling of fiber optic and communication cables.

### Material and Construction

ABS (Acrylonitrile Butadiene Styrene) is a thermoplastic polymer known for its strength, impact resistance, and durability, making it ideal for cable reels . ABS reels are lightweight compared to steel or wooden reels, which simplifies handling and transportation . They are also resistant to moisture and corrosion, ensuring protection of delicate optical fibers in various environmental conditions . Some heavy-duty ABS reels feature vacuum-formed roll halves and protective covers to secure connectors and prevent damage during transport .

## Applications

ABS cable reels are widely used in telecommunications, networking, and industrial cable manufacturing. They are suitable for fiber optic cables, Ethernet cables, coaxial cables, and other data transmission lines . These reels are designed to store, transport, and deploy cables efficiently, protecting them from mechanical stress and environmental hazards .

### Features and Advantages

- **Durability and Impact Resistance:** ABS reels withstand rough handling and mechanical stress, keeping cables safe .
- **Reusability:** Many ABS reels can be reused multiple times, reducing packaging costs and waste .
- **Custom Sizes:** Reels are available in a wide range of diameters (from 3 to 96 inches) and can be tailored to specific cable lengths and diameters .
- **Protective Covers:** Some designs include covers that secure connectors and prevent tangling or damage during transport .
- **Lightweight and Portable:** Easier to handle than traditional wooden or steel reels, suitable for field deployment .

### Customization Options

Manufacturers often offer custom stenciling or branding, allowing company logos or identification marks on ABS reels . Reels can also be designed to fit specific cable lengths, diameters, or operational requirements, including ready-to-assemble kits for flexible deployment .

### Summary

ABS optical cable reels provide a robust, lightweight, and corrosion-resistant solution for storing and transporting fiber optic and communication cables. Their durability, reusability, and customizable sizes make them ideal for telecom, networking, and industrial applications, ensuring cables remain protected and organized during storage, shipping, and installation .

## Article Content

Fiber Optic Cable Reels & Spools | Custom Steel & Plastic Reels

Our reels serve wire and cable manufacturers, offering durable solutions in wood and ABS plastic materials with custom sizing from 3

Fiber Optic Solutions | Fiber Network Tools | ABS Rents LLC | ABS

Whether you're looking to buy or rent tools and equipment for laying or hanging fiber optic cables, ABS Rents LLC is your one-stop

Where To Buy Cable Reels | Markertek

Cable reels have become essential, providing rapid deployment, safe storage, and protection for expensive cabling, eliminating

1000 Turnover Bobbin/ABS Reel /Communication Cable Reel

An ABS reel is a type of cable reel used for packaging and storing communication cables. ABS stands for Acrylonitrile Butadiene

#### MODULAR ADVANCED REEL SYSTEM (MARS

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

#### Fiber Optic Cable Reels - Fiber Savvy

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

#### Pre Terminated Fiber Optic Cable Reel For Sale

The reel's center of gravity is low for easy carry. · Cable Protection A tough shell protects the fiber optic cable outside. Polypropylene

#### Hearl Heaton ABS Process Reels

Hearl Heaton ABS, High Performance Reels have been developed for use with Telecom, Data Communication and Fibre Optic

#### MODULAR ADVANCED REEL SYSTEM (MARS

ronment fiber optic installations. Unlike traditional metal-style reels, MARS is a lightweight, modular system constructed of a high

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