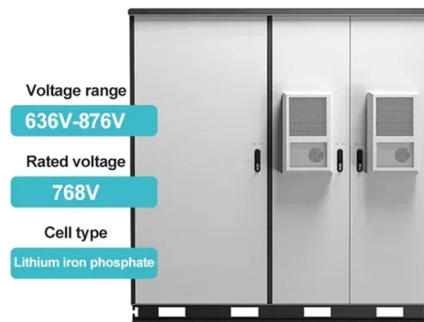


Uses of optical cable reel numbers



Article Overview

Optical cable reel numbers are used to identify reel specifications, track cable length, manage inventory, and ensure proper deployment and installation of fiber optic cables.

Identification and Specification

Optical cable reel numbers serve as a unique identifier for each reel, encoding critical information about the reel and cable. For example, in the FCR-1000 series, the part number format FCR-AABBCC-DEFG-H-I indicates drum diameter, drum length, side plate diameter, drive type, bearing type, drag brake, accessories, and any customer-specific modifications. This allows technicians and engineers to quickly determine the physical and functional characteristics of the reel without manual measurement.

Cable Management and Deployment

Reel numbers help installers track the amount of cable deployed and remaining. Many fiber optic cables also include markings for distance, fiber count, type, and buffer diameter, which are essential for proper splicing, tensioning, and bending during installation. Knowing the reel number and associated specifications ensures that the correct cable type is used for the intended application and that deployment equipment is compatible.

Inventory and Maintenance

Reel numbers are critical for inventory management, allowing companies to log and...

Article Content

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Cable Placing Checklist and Handling: Squirting, Tangling ...

AEN165, Revision 5 This Applications Engineering Note (AE Note) addresses common issues regarding cable pay-off during outside

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Fiber Optic Cable Reel Sizes

Discover our Fiber Optic Cable Reels. Find out about our cable drum dimensions, weight, length, standard spool and wooden cable

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Unraveling the World of Fiber Optic Cable Reels: A High-Performance ...

Fiber optic reels are engineered specifically with the protection and deployment of fragile fiber strands in mind. Their

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The FOA Reference For Fiber Optics

The cable may require special preparation procedures to separate fibers for termination. Most use new

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Deployable Fiber Optic Cable Reel Datasheet | FS

It is used with industrial jumpers, network cables, audio and video cables, and offers significant cost savings through direct cable

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Fiber Reel Length Planning — Splice Cost Guide | Drafttech

How fiber cable reel length affects splice count and cost — a guide to reel planning, slack loops, and minimizing field

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How to Choose Fiber Optic Cables

How to Choose Fiber Optic Cables There are a number of questions regarding Fiber Optic Cable and its

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Fiber Optic Cable Reels

Our fiber optic cable reels are the best in the industry. They're made out of an impact modified polymer.

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Cable reels for OFC cable from the Prysmian Brøndby plant

In table 2a and 2b, the maximum nominal capacity of the reels is given as a function of the cable diameter in the table below. It is not

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Understanding Fiber Optic Cables and Connectors

Fiber Optic Cable Types and Attributes 2.2 Singlemode (SMF) vs. Multimode (MMF)
Fiber Optic Cables As

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The FOA Reference For Fiber Optics

The minimum bend diameter is important if the cable is being coiled or pulled over a capstan, sheaves or blocks. And the pulling

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Outside Plant Fiber Optic Cable

Corning cables form the backbone that connects businesses, homes, and people around the globe. We've provided at-a-glance

Dec 10, 2025

Deployable Fiber Optic Cable Reel Datasheet | FS

The fiber optic cable reel is made of ABS and PC material, which is ideal for using in communication, broadcast and pro audio

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Compared to copper wires, fibre optics cables are lighter, more flexible and carry more data. Optical Fibres used in Defence Purpose

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Reel Dimensions

Applied in ducts, trays, blocks, tunnels, collecting channels, with a risk of rodent attacks. Applied in sea areas (coastal shelf and deep

Jun 14, 2026

Cable reels for OFC cable from the Prysmian Brøndby plant

The spindle bore size depend on the reel size, see table 1. The polymer reels are marked with a recycling symbol, offering the

Nov 28, 2025

Fiber Optic Selection Guide

Fiber optic cables can be custom cut by Proterial Cable America or distributor to match your required

Jul 19, 2026

Cable reel

A cable reel is a round, drum-shaped object such as a spool used to carry various types of electrical wires.

Sep 10, 2025

Standard Manual Cable Reels

Princetel offers a complete line of manual cable reels with integrated Fiber Optic Rotary Joints (FORJ's)

Nov 11, 2025

MARS® - RiO® Reel

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

Jul 18, 2026

Cable Reels: Principles and Applications | IQS Directory

Cable reels are used for on-site installations, vehicle winching, fiber optic cable transport, storage of wires,

Apr 12, 2026

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

Mar 16, 2026

Understanding and Selecting Optical Fibre and Cable

OPTICAL FIBRE AND CABLE This document will provide an understanding of optical fibre, optical fibre cable (OFC), application

Contact Us

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