

# Fiber Optic Cable Reel Calculator



## Overview

If the cable is winded up to the maximum usable surface of the flanges, it reaches the full capacity of the cable reel. If the flanges are not round edged or if you would like to use the cable reel capacity calculator to get the total theoretical capacity of th. If the cable is winded up to the maximum usable surface of the flanges, it reaches the full capacity of the cable reel. If the flanges are not round edged or if you would like to use the cable reel capacity calculator to get the total theoretical capacity of the cable reel, set the edge clearance to zero. The side circular guards that cover each end of the flat edges of the drum core are known as flanges. A common abbreviation for a wooden cable reel's total size is flange diameter. Flanges are available in a variety of sizes, much like the drum core. The circular core of the cable reel is known as the drum core or the barrel. A large drum, or barrel, offers a broader safe bending radius for the cable but also reduces the capacity of the cable reel or spool. The barrel or drum diameter, in this cable reel capacity calculator, cannot be larger than the diameter of the two flanges, otherwise the c. The inner width of the cable reel or cable spool is called traverse. It determines how many rolls of cable can be stacked next to each other in each circular layer. The longer the traverse, or the wider the reel is, the more capacity it has. The cable diameter is essential in determining the capacity of the cable reel. If the cable has a small diameter more cable rolls can be stacked horizontally and more layers of rolls can be added vertically. A single cable reel and store different lengths of cables depending on the thickness, or diameter, of each cable.

## Article Content

May 21, 2026

Fiber Optic Cable Reel Truck Calculator | Incab America LLC

Discover our Fiber Optic Cable Reel Truck Load Calculator. Calculate spool length, trailer size and fiber optic cable weight for transportation.

Sep 14, 2025

Reel Capacity Calculator

Applied in the construction of fiber-optic link on overhead transmission lines of 35 kV and more.

Apr 09, 2026

Calculators and Tools

This software provides a user-friendly technique for predicting expected tensions and fill ratios for a specific cable pull. The construction process can then be optimized and "best pull" locations ...

Apr 01, 2026

Calculators | Concept Cables

Whether you need to estimate reel capacity, compute cable weight in water, or check voltage drop, our calculators will deliver fast, accurate results in just a few clicks.

Sep 09, 2025

Reel Calculator | Encore Wire Corporation

Note: Reel options are given for best fitting reels with clearances of at least 2 inches. Please call or email for inquiries involving twisted parallels or reels with more than 5 stacks.

Mar 13, 2026

Cable Reel Capacity Calculator | How Much Cable Fits ...

Cable Reel Capacity Calculator helps determine maximum cable capacity based on reel dimensions and cable diameter.

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Wire Spool Calculator

Priority Wire & Cable supplies wire & cable from the largest stock in the U.S. and offers same day shipping. This includes Industrial, Aluminum, and many other types!

Oct 31, 2025

## Cable Reel Capacity Calculator || Drum Capacity Calculator

With our easy cable reel capacity calculator, you can calculate the maximum drum capacity or the length of a cable in a certain reel type by entering the reel (drum) dimensions and the diameter of the cable.

Dec 07, 2025

## Reel Calculator

To know how much wire or cable will fit on a shipping reel, enter the diameter of your cable in inches below. Our Reel Capacity Calculator will show how many feet or meters of that cable will fit on our ...

## Contact Us

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