

48-core optical cable reel dimensions



Summary of Content

A 48-core optical cable reel typically ranges from 800 mm to 1,200 mm in diameter and 400 mm to 600 mm in width, depending on the cable type and reel material.

Standard Reel Types and Sizes

Fiber optic cable reels are commonly available in polymer, wooden, or steel constructions. For a 48-core optical cable, which is often armored and designed for indoor/outdoor use, the following dimensions are typical:

- Outer Diameter (OD): 800 mm to 1,200 mm
- Width: 400 mm to 600 mm
- Spindle Bore Diameter: 25 mm to 50 mm for polymer reels; reinforced steel bushings for wooden reels
- Maximum Cable Capacity: Depends on cable diameter; for a 48-core armored cable (~12-15 mm diameter), reels can hold 1,000-2,000 meters of cable

Material Considerations

- Polymer Reels: Lightweight, suitable for smaller cable lengths, often recyclable.
- Wooden Reels (Series K or P): Stronger, suitable for heavy loads and outdoor storage, heat-treated to meet international shipping standards .
- Steel or Corrugated Reels: Used for high mechanical protection or very heavy armored cables.

Practical Notes

Article Content

Product Specifications Armored Indoor/Outdoor Plenum Fiber Optic

Cable Core: Sub-units and fillers are stranded around the CSM, using reverse oscillation. A water blocking tape is applied over the

Opti-Core Fibre Optic Indoor-Outdoor Armoured Cable 48 to 144

Opti-Core™ Fibre Optic Indoor-Outdoor Armoured Cable 48 to 144-Fibres, EuroClass Cca and B2ca for EMEA A T A S H E E T

048FU4-T4101D20 | ALTOS® Loose Tube, Gel-Free Cable 48 F,

The loose tube gel-free design is fully waterblocked using craft-friendly, water-swellaable materials, which means cable access is

Fiber Optic Cable Reel Sizes

Find out about our cable drum dimensions, weight, length, standard spool and wooden cable reel sizes.

Cable Reel Sizing Chart | Shane Industries

Calculate actual total cable weight and compare to Allowable Cable Weight shown.

PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION Fiber Optic Cable - OM4 Multimode Fiber, Plenum or Riser Rated cable that is offered in 48, 60, 72, or 96

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

Reel Dimensions and Volumes

Bunchers and cable stranders are a core competency for us, as well as wire drawing equipment.

760154633 | D-048-LA-CM-F12NS/8W024/5K024 | CommScope

Fiber OSP cable, TeraSPEED® Single Jacket/Single Armor, Gel-Free, 48 fibers, Stranded Loose Tube, Composite OM4 and

24 Core and 48 Core Fiber Optic Cable

Fiber optic cable is a cable containing one or multiple optical fibers that are used to transmit the signal. The optical fiber elements are

Contact Us

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