

Fiber Optic Cable Reinforcement Puller



Article Overview

Reinforcing fiber optic cable during pulling involves using the cable's internal strength members, proper pulling grips, and controlled tension to prevent damage and maintain performance.

Using Strength Members for Reinforcement

Fiber optic cables are designed with internal strength members, typically made of Kevlar or aramid yarn, which carry the installation load rather than the outer jacket . To reinforce the cable during pulling:

- Expose the strength member by carefully stripping a small portion of the outer jacket.
- Loop the yarn into a pulling eye and secure it by double-backing, taping, or knotting to ensure the load is applied to the strongest part of the cable .
- Avoid pulling on the outer jacket alone, as this can stretch, tear, or damage the cable, compromising connector terminations and optical performance .

Pulling Grips and Reinforced Equipment

- Mesh pulling grips or pull socks are used to distribute tension evenly along the cable and prevent crushing or kinking . Inspect grips for damage, broken wires, or rust before use. Smooth out the mesh and tighten wires when reusing grips .
- Specialized reinforced pullers such as the Cleerline SSF-PULLEYED or SSF-PULLEYEM incorporate PVC-jacketed aramid yarns and rotating clips to reduce twisting and maintain secure attachment to the cable's strength member

Article Content

May 10, 2026

FIBER PULLING | General Machine Products Company

Installed over a manhole or intermediate access point, this heavy-duty sheave allows fiber cable to lead up,

Feb 19, 2026

Cable Tiger Maxi Duct Rodder

Cable tiger maxi duct rodder is also referred to extensively as cable snake and cable puller for optical fiber

Jan 01, 2026

Fiber Optic Cable Pulling Packages

A complete fiber optic cable pulling jobsite setup requires a Fiber Optic Cable Puller (with foot control and

Dec 15, 2025

Fiber Optic Cable Pullers

Hitch Mounts are a fast, easy way to mount the Fiber Optic Cable Puller. The Hitch Mount attaches directly

Jul 20, 2026

Condux - 08690055 - Fiber Optic Cable Puller Kit - Pkg 2

The Fiber Optic Cable Puller from Condux sets new standards for safe, accurate pulling of fiber optic cables. Only the Condux puller

Mar 12, 2026

Fiber Optic Cable Pullers

Condux International offers a complete line of versatile Fiber Optic Cable Pullers for a variety of cable

Dec 04, 2025

Fiber Optic Cable Puller Upgrade Kit | Condux | Utility

Condux fiber optic cable puller upgrade kit improves cable handling and reduces damage for efficient

Sep 02, 2025

Condux Fiber Optic Cable Puller Package 1 (NO

Condux 08690001 Fiber Optic Cable Pullers consist of a hydraulic motor, variable speed foot control,

Mar 09, 2026

Fiber Optic Cable Pulling Packages | Condux | Load Cell

Its load cell system, hydraulic control, and advanced optional features make it the most accurate and

Sep 21, 2025

Fiber Optic Connector Insertion & Removal Tool (FOCUS)

The FOCUS tool from Cable Prep is specially designed for servicing fiber optic cable connectors in high

Nov 01, 2025

Fiber Optic Pullers: Transmission

Timberland designs and builds a complete range of small and large pullers for fiber-optic applications,

Sep 17, 2025

GMP 70751 SideWinder 42in Capstan Electric Start Fiber Optic Cable Puller

The SideWinder Trailer-Mounted Fiber Optic Puller is engineered with meticulous attention to detail, incorporating advanced features

Apr 12, 2026

Fiber Optic Cable Pullers

Condux 08690002 Fiber Optic Cable Puller Package 1 (NO CAPSTAN) Condux Fiber Optic Cable Pullers consist of a hydraulic

Apr 15, 2026

GMP 71490 eCapstan Battery Powered Fiber Optic Cable Puller

The GMP fiber optic cable puller comes complete with an electric motor, battery, controller and a hand held trigger remoter control.

Aug 12, 2025

Condux Fiber Optic Cable Puller

The Fiber Optic Cable Puller from Condux sets new standards for safe, accurate pulling of fiber optic

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GMP Sidewinder Fiber Optic Cable Puller | Rent, Finance, or Buy

The GMP Sidewinder fiber optic cable puller is a trailer-mounted pull and assists capstan winch that is mounted on a sturdy all-steel

Aug 17, 2025

What is a Fiber Optic Cable Puller and How to Use It?

A fiber optic cable puller is specifically designed to facilitate the installation of fiber optic cables in various environments, whether

Apr 10, 2026

Condux Fiber Optic Cable Puller Packages

The Condux Fiber Optic Cable Puller features an optional electronic tension control system with adjustable digital load limits and a

Sep 29, 2025

Fiber Optic Cable Puller

Condux Fiber Optic Cable Pullers set up easily at a variety of jobsite layouts. Components are modular, adding to versatility and

Mar 20, 2026

Fiber Optic Cable Puller | Fiber in Stock

Fiber Optic Cable Puller Condux Fiber Optic Cable Pullers consist of a hydraulic motor, variable speed foot control, manual flow

May 05, 2026

Fiber Optic Cable Puller Manufacturer | Fiber Cable Puller | United

Manufacturer of fiber optic cable pulling trailers, skid units, capstans, and other portable conduit pulling equipment for underground

Dec 14, 2025

Fiber Optic Cable Puller

Explore a wide range of our Fiber Optic Cable Puller selection. Find top brands, exclusive offers, and unbeatable prices on eBay.

Aug 22, 2025

Fiber Optic Cable Pullers

The Fiber Cable puller is a simple, easy to use cable puller that is designed to accommodate industry standard sheaves of 9", 24",

Contact Us

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