

Special connector for optical cable pulling machine



Overview

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".

Key Takeaways

Special connectors like pulling eyes and protective socks are used to safely attach fiber optic cables to pulling machines, ensuring proper tension distribution and protection of delicate connectors. Pulling Eyes

Pulling eyes are designed to provide a rotating pulling point for fiber optic cables, allowing the cable to be pulled through conduits or ducts without damaging the cable or connectors. They distribute tension evenly across the cable assembly, which is critical for simplex and duplex fiber optic cables. For example, the PULLEYE-1 from Camplex offers a rotating pulling point and works with cable netting to protect connectors during installation .

Protective Socks

Protective socks, such as the SAFESOCK-1, are used for multi-channel fiber assemblies. These disposable overwraps fit over the ends of fiber assemblies, protecting connectors and fanouts while pulling through tight spaces or conduit bends. They are compatible with field installations and help prevent damage to sensitive fiber ends .

Mounting and Compatibility

Fiber optic cable pullers often require mounting adapters to connect the pulling machine to the cable safely. Options include:

- Remote Mounting Stands: Allow positioning of the puller away from the power source while maintaining stability .
- Hitch Mounts: Attach the puller to a standard 2" square receiver, providing a secure and adjustable connection .
- Capstan Wheels and Adjustable Tension: Pullers like the Condux or GMP models feature adjustable capstans and tension controls to match the cable type and conduit size, ensuring safe pulling without exceeding the cable's minimum bend radius .

Key Considerations

- Ensure the pulling eye or protective sock is compatible with the cable type (simplex, duplex, or multi-channel).
- Verify the maximum pulling tension of the cable puller and select connectors that can handle the load without damaging the fiber.
- Use modular or adjustable mounting systems to accommodate different jobsite layouts and conduit sizes.
- Always follow manufacturer guidelines for tension limits and installation procedures to maintain fiber integrity . By using these specialized connectors and accessories, fiber optic cable installations can be performed safely, efficiently, and without compromising the delicate fiber strands or connectors.

Article Content

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",

Swivels and Connectors | General Machine Products

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Fiber Optic Cable Pulling Packages

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

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Fiber Optic Cable Pullers – Innerduct

For fiber optic cable pulling applications that demand flexibility in set-up, the Remote Mounting Stand

FIBER PULLING | General Machine Products Company

The GMP SideWinder Trailer-Mounted Fiber Optic Puller is engineered to surpass the requirements for

Pulling Eye Kit for Simplex & Duplex Fiber Optic Cable

The fiber puller is designed to facilitate the process of running fiber optic cables through conduit, ducts, or

Fiber Tools, Consumables & Accessories

CommScope features a family of tools and components for the installation, repair and maintenance of fiber cables, including prep

Pulling fiber-optic cable | Oil & Gas Journal

2) In many runs, if the pulling distance is short enough and the pathway straight enough, fiber-optic cable can be

Cable Tiger Maxi Duct Rodder

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

Cable Puller, Power Cable Optical Cables Pulling

Cable Puller, Power Cable Optical Cables Pulling Machine^, Find Details and Price about Machine Pulling

Optical Cable Tractor/Optical Cable Pulling Machine

Optical cable tractor is an machine for laying cables (or Optical cables, fiberglass duct rodder. telecom,

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This document provides a work method statement for fiber optic cable pulling that outlines 33 steps to safely pull cable. Safety

Complete Guide to Fiber Optic Connectors and Splicing

This article provides an overview of fiber optic connectors, splicing techniques, and maintenance practices. It explains

Best Practices for Pulling Fiber Optic Cable

Fiber optic cable is surprisingly strong, durable and pliable; however, several best practices should be followed to ensure a

Fiber Cable Add-Ons

FiberCablesDirect add-On products, the most common accessories purchased with fiber cables. Pulling eye hooks, lc sc st cleaners,

Fiber Optic Cable Puller

Fiber Optic Cable Puller The 42700 Series Fiber Cable Puller is designed to handle most fiber optic cables

Cable Pulling

Prevent damage when pulling fiber optic cable. The glass within the cable is extremely fragile. Although the cable protects the fiber, it

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

