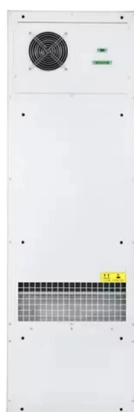


RIVO MULTITRADE OPTICAL SYSTEMS

Warning strip for communication optical cables



Overview

Our Warning Caution Fiber Optic Cable Sign helps protect essential communications lines during site work.

Key Takeaways

Warning tapes are used to protect buried fiber optic and communication cables by providing a visible and detectable alert to prevent accidental excavation damage. Purpose and Function

Warning strips, also known as underground warning tapes, are laid above buried communication cables to alert construction personnel and prevent accidental dig-ins. They serve a dual purpose: providing a visual warning when the tape is exposed and, in the case of detectable tapes, allowing location detection from above ground using tracer wires or detection equipment .

Types of Warning Tapes

- **Detectable Warning Tapes:** Contain metallic tracer wires (often stainless steel) embedded in the tape, allowing detection with standard cable locators. These are ideal for fiber optic cables where accidental damage can cause significant service interruptions .



- Non-Detectable Warning Tapes: Provide only a visual warning and are typically used in areas where detection is not required or for less critical utilities .

Materials and Features

- Made from high-impact polyethylene or heavy-duty virgin plastic, resistant to acids, alkalis, and underground movement .
- Self-colored with bold printed warnings, often protected by a scratch-resistant laminate to maintain legibility over time .
- Available in standard colors such as yellow or green with black text, with custom colors and messages possible .
- Detectable tapes often include twin tracer wires in a wavy pattern, allowing up to 25% stretch without breaking, ensuring reliable detection even if the tape shifts underground .

Installation Guidelines

- Lay the tape approximately 300 mm above the cable and as close to the ground surface as possible .
- Ensure one end of the tape reaches the surface to allow future connection with detection equipment.
- For detectable tapes, twist or crimp the tracer wires to maintain electrical continuity for accurate location detection .
- Tapes are supplied in rolls for easy unrolling along trenches and can be installed quickly during cable laying .

Compliance and Standards

- Many warning tapes comply with UK Civil Engineers specifications, NJUG guidelines, and Department of Transport standards for buried utilities .
- They are tested for electrical continuity, durability, and color visibility to ensure long-term reliability .

Additional Considerations

- Custom printing options allow inclusion of company name, contact information, or specific warnings .
- Using warning tapes reduces the risk of service interruptions, repair costs, and safety hazards during excavation or construction activities . By selecting the appropriate type of warning tape and following proper installation practices, communication optical cables can be effectively protected from accidental damage while ensuring compliance with industry standards.

Article Content

Fiber Optic Signs

These signs are available in A-frames to set up temporarily or they can be mounted more permanently to the wall with an easy-to

Warning Caution Fiber Optic Cable Sign

Our Warning Caution Fiber Optic Cable Sign helps protect essential communications lines during site work. It's a smart choice for

OSP Fiber Cable Warning Tapes, Signs, Posts & Labels

Buried detectable & non-detectable warning tapes, high visibility reflective laminated labels & flexible line marker posts, soil markers,

ComplianceSigns Warning Caution Fiber Optic Cable OSHA

This pack of 4 easy-to-read fiber optic cable labels is self-adhesive for easy, permanent installation - just peel and stick. The orange

3" Fiber Optic Underground Marking Tape

Our 3" Underground Marking Tape (standard 4mil, non-detectable) is ideal to protect against accidental dig-ins and to alert workers

Warning Fiber Optic Label

Our Warning Fiber Optic Label is designed to alert workers to the presence of fiber optic cables. By preventing inadvertent damage,

Buried Cable Markers and Warning Signs Identify Underground Cables

Buried Cable Markers, Signs and Labels Alert employees and contractors to the presence of underground cables with our buried

Fibre Optic Cable Warning Tape | 48mm x 100mtr Roll | Black on Yellow

Dimensions: 48mm width x 100m length Protect your optical fiber installations with confidence using this high-visibility warning tape.

Fibre Optic Cable Below | Warning Tape | Utility Protection

Designed for the identification and protection of buried fibre optic networks, this underground warning tape is available in both

Caution Fiber Optic Cable Hazard Hazard Labels Label Decal

Buy Caution Fiber Optic Cable Hazard Hazard Labels Label Decal Sticker 10 Inches X 7 Inches: Signs - Amazon FREE

ComplianceSigns Warning Caution Fiber Optic Cable ANSI

Use these vinyl ANSI labels with a WARNING header to make your electrical message clear. A clear protective laminate layer is

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

