

Underground markings for optical cables

Article Overview

Underground optical cables are marked using standardized color codes, durable markers, and labeling flags to ensure safety, regulatory compliance, and easy identification.

Color-Coded Utility Markings

The American Public Works Association (APWA) has established a uniform color code for marking underground utilities. For optical fiber cables, the designated color is orange, which indicates communication, alarm, or signal lines. These markings can appear as paint, flags, or permanent posts along the cable route, helping crews avoid accidental damage during excavation or construction projects .

Buried Cable Markers and Signs

Permanent buried cable markers are used to alert workers and the public to the presence of underground optical cables. These markers are often made from aluminum, plastic, or PVC, and may include icons, warning text, or contact information for the utility company. They serve multiple purposes: preventing accidental strikes, ensuring regulatory compliance, reducing repair costs, and improving maintenance efficiency .

PVC Marking Flags

For fiber optic cables specifically, PVC marking flags are widely used. These flags are brightly colored, durable, and weather-resistant, making them highly visible even in...

Article Content

May 01, 2026

Marking System

Discover Incab's marking system and fiber optic cable specs. Find out how our marking systems can be printed to suit individual

Dec 20, 2025

Fiber Optic, Telephone & CATV Line Underground

Underground Telephone Line Warning Tape Posted signs rarely prevent dig-ins. Terra Tape®

Oct 16, 2025

UNIFORM TEMPORARY MARKING OF UNDERGROUND

LARGE PIPE OR MULTIPLE DUCTS SMALL PIPE OR CABLE(S) This marking guide provides for universal use and understanding

Jan 06, 2026

Understanding the Colors of Utility Line Markings

Orange Markings: Telecommunications Systems An orange marking means telecommunication infrastructure

Dec 05, 2025

Color Codes for Buried Lines

Officials use this code to mark up underground utilities with tape, paint, flags or signs. Below is our breakdown, to help you crack the

Mar 01, 2026

Marking Flags

Marking Flags clearly designate underground lines Seton's top-quality Marking Flags - Buried fiber optic cable will ship quickly,

Aug 11, 2025

Warning Underground Cable Triangular Marker

Our Warning Underground Cable Triangular Marker alerts workers to the presence of underground utility cables. It's ideal for marking

Apr 26, 2026

What do the Utility Marking Colors Mean?

Water lines, gas pipes, electrical conduits, fiber-optic cables, and sewer systems all coexist

Apr 26, 2026

Locating & Marking for the Telecommunications Industry

Need help locating and marking in the Telecommunications industry? Learn how 3M's innovative point marking and path marking

Apr 07, 2026

What are the APWA Requirements for Utility Markings?

APWA Requirements For Utility Markings Available Types: Electric Utility (Red) - Marks buried electrical cables and power

Sep 18, 2025

Recommended Marking Guidelines for Underground Utilities

Multiple cables twisted together to form a single facility, as in the case of electric lines, would be considered one cable for locate

Mar 26, 2026

Introducing the Buried Fiber Optic Cable Stock PVC

Designed specifically for use in underground applications, our PVC marking flags are the

Feb 01, 2026

The FOA Reference For Fiber Optics

Outside Plant Fiber Optic Cable Jump To: Fiber Optic Cable Construction Fiber Optic Cable Types Cable

Aug 30, 2025

Warning Buried Fiber Optic Cable Flat Marker

Our Warning Buried Fiber Optic Cable Flat Marker provides a clear alert for underground fiber optic cable

Oct 07, 2025

Buried Fiber Optic Cable Flag

Ensure safety, compliance, and visibility in your underground fiber optic installations with our Buried Fiber

Dec 30, 2025

Introducing the Buried Fiber Optic Cable Stock PVC

Use in underground applications, our PVC marking flags are the perfect solution for marking

Mar 18, 2026

Fiber Markers | RLH Industries, Inc.

Fiber Marker Posts provide a convenient and effective way to protect and identify underground fiber optic

Jun 16, 2026

Utility Marking Symbols: Color Codes for Utilities | 4M

Red utility flags are used to mark underground electric and cable lines. As electricity lines involve great danger to digging personnel

Nov 04, 2025

Underground Fiber Optic Warning Tape | Prevent Cable Damage | Seton

Prevent costly damage, service interruptions, and potential injury with our Underground Warning Tape. This essential

May 30, 2026

Cable Marker For Underground Locating

We deliver a wide range of underground electronic RFID marker balls and identifiers to meet various

Dec 17, 2025

Underground Installation of Optic Fiber Cable Placing

Placing cables underground has the added benefits of reducing transmission losses, aiding planning consent and reduced risk of

Jun 12, 2026

Fiber Marker Post – SFS Enterprise LLC

Fiber Optic Cable Marking: Used to mark the location of underground fiber optic cables, ensuring easy

Nov 23, 2025

Fiber Markers | RLH Industries, Inc.

Fiber cable markers for underground cable are essential to identify buried fiber and to avoid accidental

Feb 22, 2026

Buried Cable Marker Posts

Browse our selection of underground buried cable marker posts. Several styles to choose from including hybrid flat rail marker posts,

Dec 11, 2025

Telecom Safety Signage for Underground Installation

These cable markers are pre-printed with customized information such as the cable type and ownership

Apr 26, 2026

Underground Fiber Optic, Telephone Line, & CATV

Fiber Optic Underground Warning Tape Protect your fiber optic cables from service interruptions and

May 26, 2026

Underground Fiber Optic Cable Installation: A Complete

Installing fiber optic cables underground involves far more than digging trenches and

Oct 03, 2025

3" Fiber Optic Underground Marking Tape

Our 3" Fiber Optic Underground Marking Tape (5 mil, detectable) is ideal for use with locating dielectric or non-metallic fiber. Most

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

