



# Electronic Marker System

## 1255 Mini-Marker

### for Telco Applications



#### Find your underground facilities the first time.

The 3M™ 1255 Mini-Marker provides an accurate, convenient, long-lasting method of marking underground facilities at depths of up to six feet. Electronic marking eliminates the time and money spent searching for “lost” facilities. And, unlike surface markers such as stakes, flags, or paint, the Mini-Marker cannot be inadvertently removed or worn away by weather.

The Mini-Marker is buried over key facilities during construction and maintenance. It is located with the 3M™ 1264 EMS II Marker Locator or the 3M™ Dynatel™ 2205/2206 EMS Marker Locating Accessory. The locator transmits a signal to the buried marker. The marker reflects the signal back to the locator, and its exact location is indicated with both a visual meter reading and an audible tone.

The Mini-Marker has a range of up to six feet from marker to locator. The Electronic Marker System is accurate even in congested areas. The locator is not affected by metal conduit or pipe, metallic conductors, fences, AC power, or other utilities’ electronic markers. Use of the locator and markers requires only a few minutes of training.

The system is the most dependable way to mark:

- Buried splices
- Load coils
- Buried service drops
- Conduit stubs
- Cable road crossings
- Fiber-optic facilities
- Cable paths

#### Built for durability

The Mini-Marker is a passive antenna encased in a water-resistant polyethylene shell which is impervious

to minerals, chemicals and temperature extremes normally found in underground plant environments.

#### The EMS family of products

Other markers are available for a variety of applications.

- **Full-Range Marker** - applicable to depths of eight feet (2.44 m). Also acts as a digging shield.

- **4" Ball Marker** - ideal for narrow 4" trench applications. Applicable to depths of five feet (1.5 m).

With a unique self leveling feature: the marker floats in a non-freezing liquid inside the ball, which allows the marker to be in the correct position for accurate locating.

- **Near-Surface Marker** - designed for applications of up to two feet (0.61 m) from marker to locator probe. Its size and shape allow for easy installation in street surfaces for marking flush-mount facilities prior to repaving.

All telephone markers are color-coded orange to APWA standards, and are tuned to a specific frequency, reducing the risk of accidentally locating other utilities’ buried markers.



The vertical range of the Mini-Marker is six feet from the locator probe.

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## Physical Specifications

Size	8.25" D x 1.25" T	(20.96 cm x 3.18 cm)
Packaging	50 markers/carton	

Color-coded Orange for Telco applications

## Environmental Specifications

Operating temperature	-22° to 150°F	(-30° to 66°C)
Storage temperature	-40° to 167°F	(-40° to 75°C)

## Ordering Information

To order, specify 3M™ 1255 Mini-Marker. Minimum order is 50 markers. For more information, contact your local 3M sales representative, or subsidiary.

## Important Notice

**WARRANTY AND REMEDY.** This product will conform to 3M published specifications and be free from defects in materials and workmanship for a period of one year from the date of purchase. In addition, 3M provides the following Conditional Lifetime Warranty for its Electronic Marker Products: When installed in accordance with 3M's installation instructions, 3M warrants 3M™ ScotchMark™ Electronic markers for the

lifetime of the product, to be free from defects in material and manufacture, provided the Electronic Markers are located with 3M™ Dynatel™ Test and Measurement Instruments or other brand locators as may be designated by 3M in writing. This warranty does not extend to Electronic Markers that have been subjected to misuse or improper applications or that have been repaired or altered by others. 3M MAKES NO OTHER WARRANTY INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the Marker is found to be defective within the stated warranty period, your exclusive remedy shall be, at 3M's option, to repair or replace the Marker or refund the purchase price. 3M will not be liable for any special, incidental, or consequential damages arising from use of this 3M product, regardless of the legal theory asserted.



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