

# SPIKE MARKER

TESTING | TROUBLESHOOTING | ACCURACY

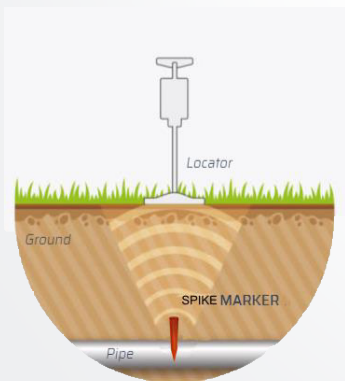
## Product Features:

### Introducing "Spike"

Spike Markers are a compact and easy-to-install addition to the Tempo Communications Electronic Marker System family. These sleek markers are primarily designed for marking objects buried in the soil to depths down to one meter (3ft) or slightly more. This encompasses most utilities' "distribution" ducts and similar applications such as Cable TV or fiber "drops," traffic light control cables, power, gas or district heating lines to properties. Spikes are ideal for use in shallower and narrower ducts where Tempo's Omni Marker II is impractical.

### Why "Spike" things?

Marking utilities by use of electronic marker systems greatly enhances the precision of location, particularly of "non-conductive" and "non-ferrous" cables, pipes and ducts. Spike markers are ideal for marking "key" points in networks such as tees and valves and placement in or alongside junction boxes that may be overgrown in time. This enhances the safety of your workers, the public and the underground plant itself. The tiny investment in additional marking has been shown to save its cost many times over in terms of reduced "utility strikes" in the future. Should work be needed on your network in the future, enhancement of speed and precision of location also adds to savings.



### Performance

Spike is built using high density polymer which is impervious to water. Welded shut and filled with hydrophobic gel and designed to have the same lifetime as the plant it is buried alongside. Available with all of the industry standard Electronic Marker System frequencies and color combinations that have been established over the recent decades

they are compatible with virtually all marker locators that are in use. Though Tempo recommends the use of our EML-100, the locator that can scan ALL marker frequencies in one pass.

If mounted vertically as designed, Spike is detectable to greater than 1.0 m (3.5 ft) depth with EML-100. If the soil is later disturbed and the marker becomes horizontal, then they remain detectable to 0.6 m (2 ft).



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## MODELS

### FIXING KIT



### SPIKE MARKER



### ORDERING INFORMATION:

MODEL	DESCRIPTION	UPC NUMBER
SM-01	SPIKE MARKER PURPLE 66 KHZ NON-POTABLE	810025413422
SM-02	SPIKE MARKER ORANGE-BLACK 77 KHZ CATV	810025413439
SM-03	SPIKE MARKER YELLOW 83 KHZ GAS	810025413446
SM-05	SPIKE MARKER ORANGE 101 KHZ TELEPHONE	810025413453
SM-06	SPIKE MARKER GREEN 121 KHZ SANITARY	810025413460
SM-07	SPIKE MARKER BLUE-RED 134 KHZ EUROPOWER	810025413477
SM-08	SPIKE MARKER BLUE 145 KHZ WATER	810025413484
SM-09	SPIKE MARKER RED 169 KHZ POWER	810025413491
SM-FIX	SPIKE MARKER FIXING KIT	810025413828

### SPECIFICATIONS:

Materials:	Enclosure HDPE fully sealed. RoHS and REACH compliant
Length:	100 mm
Maximum diameter:	21 mm

Fixing kit includes a nylon cable tie suitable for diameters up to 50 mm (2").

Spike markers are available for simply pushing into the soil alongside or above buried plant or can be used with a "duct fixing kit" containing a soft "bracket" and 225 mm cable tie. Spike markers are available in boxes of 50 (1.5 kg) or in larger boxes of 10 (500 markers) (15 kg, 415 x 315 x 175 mm). Spike Fixing Kits are available in packs of 50 (0.6 kg, 230 x 127 x 60 mm) and 10 packs per box (500 kits) (6.5 kg, 570 x 370 x 360 mm). MOQ is one pack of 50.

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