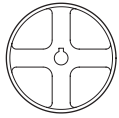


ELECTRONIC MARKERS SPECIFICATIONS



Description

Full-Range Marker
Full-Range Marker
Full-Range Marker
Full-Range Marker
Full-Range Marker

Utility

Telephone
Power
Water
Wastewater
Gas

Range

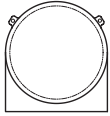
8 ft (2.4 m)
8 ft (2.4 m)
8 ft (2.4 m)
8 ft (2.4 m)
8 ft (2.4 m)

Color Code

Orange
Red
Blue
Green
Yellow

Frequencies

101.4 kHz
169.8 kHz
145.7 kHz
121.6 kHz
83 kHz



Description

Mid-Range Marker
Mid-Range Marker
Mid-Range Marker
Mid-Range Marker
Mid-Range Marker

Utility

Telephone
Power
Water
Wastewater
Gas

Range

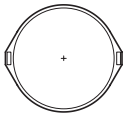
6 ft (1.8 m)
6 ft (1.8 m)
6 ft (1.8 m)
6 ft (1.8 m)
6 ft (1.8 m)

Color Code

Orange
Red
Blue
Green
Yellow

Frequencies

101.4 kHz
169.8 kHz
145.7 kHz
121.6 kHz
83 kHz



Description

4" Ball Marker
4" Ball Marker
4" Ball Marker
4" Ball Marker
4" Ball Marker
4" Ball Marker

Utility

Telephone
Power
Water
Wastewater
Gas
CATV

Range

4 ft (1.2 m)
4 ft (1.2 m)
4 ft (1.2 m)
4 ft (1.2 m)
4 ft (1.2 m)
4 ft (1.2 m)

Color Code

Orange
Red
Blue
Green
Yellow
Black/Orange

Frequencies

101.4 kHz
169.8 kHz
145.7 kHz
121.6 kHz
83 kHz
77 kHz



Description

Near-Surface Marker
Near-Surface Marker
Near-Surface Marker
Near-Surface Marker
Near-Surface Marker

Utility

Telephone
Power
Water
Wastewater
Gas

Range

2 ft (0.6 m)
2 ft (0.6 m)
2 ft (0.6 m)
2 ft (0.6 m)
2 ft (0.6 m)

Color Code

Orange
Red
Blue
Green
Yellow

Frequencies

101.4 kHz
169.8 kHz
145.7 kHz
121.6 kHz
83 kHz

Full-Range Marker

Shipping Weight 1.75 lb (0.08 kg) each, 44 lb (19.9 kg) per case
Product Size 15" diameter x 1" thick (3810 mm x 250 mm)
Shipping Quantities 25 per case, 200 per pallet

Mid-Range Marker

Shipping Weight 5 oz (141.8 g) each, 17 lb (7.7 kg) per case
Product Size 8.25" diameter x 1.25" thick (2090 mm x 320 mm)
Shipping Quantities 50 per case, 600 per pallet

4" Ball Marker

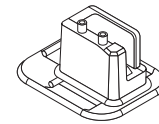
Shipping Weight 1 lb (0.45 kg) each, 25 lb (11.35) kg per case
Product Size 4" (1020 mm) diameter sphere
Shipping Quantities 24 per case, 576 per pallet

Near-Surface Marker

Shipping Weight 0.88 oz (24.9 g) each, 3.75 lb (1.71 kg) per case
Product Size 3" length x 0.75" diameter (890 mm x 160 mm)
Shipping Quantities 50 per case (pallet N/A)

EML Locator Accessory — Locates All 3M Markers

Weight 2.3 lb (1.1 kg)
Shipping Weight 4.0 lb (1.8 kg)
Battery Life 40 hours (typical)
Batteries 6 AA Alkaline
Temperature Range -4° to 122° F (-20° to 50° C) operating
Storage -40° to 158° F (-40° to 70° C)



KEY FEATURES

- Easy to use; the locator transmits a signal to the buried marker, and the marker returns a signal to the EML; location of the marker is indicated by an audible tone from the locator.
- Metallic conductors, fences, AC power lines or other utility electronic markers will not affect the locating process.
- Electronic Markers can be buried over key facilities such as valve boxes, splices, service stubs, and cable paths during construction or at the time of maintenance.
- Marker's passive antenna requires no internal power source.
- Water-resistant polyethylene shells withstand minerals, chemicals, and underground temperature extremes.