

Advanced Cable/Pipe Locator 2220M(12W)



A newer, higher powered transmitter is the latest addition to the 3M Dynatel products family. This portable 12-watt output transmitter is compatible with existing M-series receivers and provides the maximum allowed induction power. The 12-watt transmitter can be powered by six C-size alkaline batteries, the rechargeable battery pack, or 12V external power supply

A REPUTATION OF EXCELLENCE

When you choose a quality 3M™ Dynatel™ Locator, you get outstanding performance and reliability, along with 24/7 technical support and a service center dedicated to excellence. Our service center provides calibration, repair, upgrades and modifications for safety, performance and reliability.

FEATURES

- Maximum allowed output power
- Four active frequencies, direct connect & Dynacoupler
- Three induction frequencies
- All frequency mode in direct connect
- Automatic impedance matching
- Ohm meter with high voltage detection
- Rugged, industrial temperature range
- 240VAC output protection
- Standard alkaline (c-cell) batteries
- Rechargeable battery kit



ORDERING INFORMATION

| US Versions Locator Kits | | Cable/Pipe Locate | Electronic Marker Locate | US Receiver | International Receiver | US 12W Transmitter | International 12W Transmitter | Direct Connect Cable—small clips | Direct Connect Cable—large clips | 3" Coupler | Coupler Cable | A Frame | A Frame Cable | Ground Rod | 2200RB Rechargeable Battery | Cigarette Lighter Adapter Cable | 2200M Carrying Bag |
|---|--------------------|-------------------|--------------------------|-------------|------------------------|--------------------|-------------------------------|----------------------------------|----------------------------------|------------|---------------|---------|---------------|------------|-----------------------------|---------------------------------|--------------------|
| 80-6113-3107-7 | 2220M-UCU12W/RT | ■ | | ■ | | ■ | | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3041-8 | 2250M-UCU12W/RT | ■ | | ■ | | ■ | | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3039-2 | 2250M-ID/UCU12W-RT | ■ | ■ | ■ | | ■ | | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3040-0 | 2250M-ID/UW12W-RT | ■ | ■ | ■ | | ■ | | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3046-7 | 2273M-UCU12W/RT | ■ | ■ | ■ | | ■ | | ■ | ■ | ■ | | | ■ | ■ | ■ | ■ | ■ |
| 80-6113-3044-2 | 2273M-ID/UCU12W-RT | ■ | ■ | ■ | | ■ | | ■ | ■ | ■ | | | ■ | ■ | ■ | ■ | ■ |
| 80-6113-3045-9 | 2273M-ID/UW12W-RT | ■ | ■ | ■ | | ■ | | ■ | ■ | ■ | | | ■ | ■ | ■ | ■ | ■ |
| International Versions Locator Kits | | | | | | | | | | | | | | | | | |
| 80-6113-3207-5 | 2220M-ECU12W/RT | ■ | | | ■ | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3037-6 | 2250M-ECU12W/RT | ■ | | | ■ | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3038-4 | 2250M-ID/ECU12W-RT | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ | | | | ■ | ■ | ■ | ■ |
| 80-6113-3042-6 | 2273M-ECU12W/RT | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ |
| 80-6113-3043-4 | 2273M-ID/ECU12W-RT | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | ■ | ■ | ■ | ■ | ■ | ■ |
| US Versions (Transmitter Only) | | | | | | | | | | | | | | | | | |
| 80-6113-3108-5 | 2250M-U12WT | | | | | ■ | | | | | | | | ■ | ■ | ■ | |
| 80-6113-3032-7 | 2273M-U12WT | | | | | ■ | | | | | | | | ■ | ■ | ■ | |
| International Versions (Transmitter Only) | | | | | | | | | | | | | | | | | |
| 80-6113-3109-3 | 2250M-E12WT | | | | | | ■ | ■ | ■ | | | | | ■ | ■ | ■ | |
| 80-6113-3033-5 | 2273M-E12WT | | | | | | ■ | ■ | ■ | | | | | ■ | ■ | ■ | |

SPECIFICATIONS

| Trace mode frequencies | |
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| 2220M | 8 kHz, 82 kHz |
| 2250M/2273M | 577 Hz, 8 kHz, 33 kHz, 200 kHz |
| 2250ME/2273ME (International) | 577 Hz, 8 kHz, 33 kHz, 133 kHz |
| Fault mode frequencies | |
| | 10/20 Hz -fault 577 Hz / 33 KHz -trace |
| Induction mode frequencies | |
| 2220M | 8 kHz, 82 kHz |
| 2250M/2273M | 8 kHz, 33 kHz, 200 kHz |
| 2250ME/2273ME (International) | 8 kHz, 33 kHz, 133 kHz |
| Pulsing tone frequencies | |
| 2220M | n/a |
| 2250M/2273M | 577 Hz, 200 kHz |
| 2250ME/2273ME (International) | 577 Hz, 133 kHz |
| Output power (maximum) | |
| | 3 watt maximum 12 watt w/external DC source (varies by frequency) |
| Output voltage (max) | 70 Vrms |
| Output Protection | 240 Vrms |
| Weight w/batteries (alkaline) | 5.2 lbs (2.4 kg) |
| Battery Quantity and size | 6 "C" alkaline (Lr14) |
| Battery Life | 40 hours typical (normal output level) 10 hours typical (high output level) Rechargeable battery will extend operation time by 40% |
| External DC power | 9-18 V DC |
| Standard | Ip54 |
| Regulatory | CE, FCC |
| Operating Temperature | -4°F to 122°F (-20°C to 50°C) |
| Storage Temperature | -4°F to 158°F (-20°C to 70°C) |



3M™ Rechargeable Battery 2200RB