

UNDERGROUND CABLE LOCATORS

UNDERGROUND CABLE & MARKER LOCATORS



3M™ DYNATEL™ 2500 SERIES LOCATORS

Designed to be more accurate, faster and more integrated than any other locator on the market, the 3M™ Dynatel™ 2500 Series Locators and fault finders represent an advancement in locating and fault finding technology for the field professional. Offering a broad feature set with advanced digital processing, the 2500 Series locators combine simple interfaces with precision locating capabilities. All 2500 series locators offer six active frequencies and a maximum transmitter output of 12 watts providing a solution for virtually all challenging applications encountered in the field.

- Six active frequencies for direct connect
- Trace view mapping display mode
- Four induction frequencies with maximum allowed output power
- 12-watt transmitter
- All frequency mode in direct connect (four simultaneously)
- EMS-iD capability on select models

P/N	Description
2550	Pipe/Cable Locator
2550-iD	Pipe/Cable and Marker Locator
2573-ID/C12	2573-ID/C12 Cable/Pipe/Fault/EMS Locator
2573-C12	2573-C12 Cable/Pipe/Fault Locator

Multiple configurations available. Please check with your TVC representative or www.tvinc.com for details.



3M™ DYNATEL™ CABLE/PIPE AND FAULT LOCATOR & CABLE/PIPE, FAULT AND MARKER LOCATOR

The 3M™ Dynatel™ Cable/Pipe and Fault Locator 2273M and Cable/Pipe, Fault and Marker Locator 2273M-iD incorporate advanced electronics to quickly and efficiently locate conductor or sheath (earth return) faults and trace the path of underground cables and pipes (with metallic tracer wire).

They provide accurate cable/pipe, or Sonde depth measurements, giving a digital readout in inches, feet and inches, or centimeters (user-selectable). Lightweight, compact and well balanced, these cable and pipe locators allow you to accurately and easily:

- Locate cable and pipe path
- Measure cable/pipe, or Sonde depth with the push of a button
- Display relative and absolute signal current in the cable or pipe
- Identify cable pairs through wet sections
- Locate energized power and CATV cable

Additional features in 2273M-ID/CATV:

- Pin-point conductor or sheath (earth return) faults and cable breaks
- Discriminate between light and heavy faults
- Tone shorts and grounds in aerial cable
- Locates all standard Electronic Marker System

P/N	Description
2273M-UC	Includes 2273M Receiver, 3 Watt Transmitter, 3" coupler, Carrying Bag
2273M-ID-CATV	Includes 2273M Receiver, 3 Watt Transmitter, 3" coupler, A-Frame Fault Locating Accessory, Carrying Bag, 3 Yr. Warranty

Multiple configurations available. Please check with your TVC representative or www.tvinc.com for details.



3M™ DYNATEL™ 2273 ADVANCED CABLE/FAULT LOCATOR

The 3M™ Dynatel™ Advanced Cable/Fault Locator 2273 is a microprocessor-based system that incorporates advanced digital signal processing techniques to quickly and efficiently locate sheath (earth return) faults and trace the path of underground cables, both copper and fiber optic (with metallic trace wire). Lightweight, compact and well-balanced, the 2273 accurately:

- Locates cable path
- Measures cable or sonde depth with the push of a button
- Measures signal current in the cable
- Pinpoints sheath faults and cable breaks
- Discriminates between light and heavy faults
- Tones shorts and grounds in aerial cable
- Locates energized power cable

P/N	Description
2273-U3T3	Includes 2273 Receiver, 3 Watt Transmitter, 3" coupler, A-Frame Fault Locating Accessory

Multiple configurations available. Please check with your TVC representative or www.tvinc.com for details.



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3M™ DYNATEL™ 2220M ADVANCED PIPE/CABLE LOCATOR

A new addition to the 3M™ Dynatel™ Locators series, the 2220M Locator is designed to provide a simple and accurate solution to locate buried pipes, cables and Sondes in even the most challenging field conditions. The rugged, highly sensitive receiver uses two active trace frequencies and provides a bar graph, signal strength and direction indication to the pipe/cable.

- Two active frequencies (8 kHz, 82 kHz)
- Dual frequency output
- Passive power, Sonde locating
- Single and dual peak modes with direction



P/N	Description
2220M-C3W	Includes 2220M Receiver, 3 Watt Transmitter, Carrying Bag
2220M-C3W3-CPLR	Includes 2220M Receiver, 3 Watt Transmitter, 3 in Coupler, Carrying Bag

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.

3M™ DYNATEL™ LOCATOR 2250M/M-ID SERIES

3M™ Dynatel™ Cable/Pipe Locator 2250M and Cable/Pipe and Marker Locator 2250M-iD incorporate advanced electronics to quickly and efficiently trace the path of underground cables and pipes (with metallic tracer wire). They provide accurate cable/pipe, or Sonde depth measurements, giving a digital readout in inches, feet and inches, or centimeters (user-selectable). Lightweight, compact and well-balanced, these cable and pipe locators allow you to accurately and easily:

- Locate cable and pipe path
- Measure cable/pipe, or Sonde depth with the push of a button
- Display relative signal current in the cable or pipe
- Identify cable using toning
- Tone shorts and grounds in aerial cable
- Identify cable pairs through wet sections
- Locate energized power and CATV cable



P/N	Description
2250M-ID/UCU12W-RT	Advanced Cable/Pipe Locator Communication/Utility 12W
2250M-ID/UC5W-RT	Ultra Advanced Cable/Pipe Locator Communication 5W
2250M-ID/UC3W-RT	Ultra Advanced Cable/Pipe Locator Communication 3W
2250M-UCU12W/RT	Advanced Cable/Pipe Locator Communication/Utility 12W
2250M-UC5W/RT	Ultra Advanced Cable/Pipe Locator Communication 5W
2250M-UC3W/RT	Ultra Advanced Cable/Pipe Locator Communication 3W

Multiple configurations available. Please check with your TVC representative or www.tvcinc.com for details.

3M™ 1420 EMS-iD MARKER LOCATOR/READ/WRITE

3M™ Dynatel™ 1420 EMS-iD Marker Locators are microprocessor-based systems that incorporate advanced digital signal processing techniques to quickly and efficiently locate underground facilities—even years after construction or maintenance.

Designed to be more accurate, faster and more integrated, the 1420-iD/1420E-iD EMS Marker Locators allow you to accurately and easily:

- Locate, read and write to 3M RFID markers
- Pinpoint the depth and location of all existing models of properly installed underground passive EMS markers
- Conduct direct depth reading of markers
- Locate two different marker frequencies simultaneously
- Advanced features detect more information about underground utilities

A feature exclusive to the 1420-iD/1420E-iD Locators is the ability to read, write and lock programmed information into the 3M™ Electronic Marker System iD Ball Markers 1400 Series. Information such as a pre-programmed unique identification number, facility data, owner information, application type, placement date and other details from up to 100 markers can all be stored with date/time stamp and GPS coordinates, and transmitted back to your PC through a standard RS232 serial port for enhanced resource management.

P/N	Description
1420	EMS-iD Marker Locator with iD read/write
1420E	EMS-iD Marker Locator with iD read/write (CE Approved Export Model)



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GREENLEE TRACKER II™

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system
- Lightweight receiver provides audible and visual indications of signal strength
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy
- Transmitter offers three methods of connection: direct, inductive coupler, and inductive antenna

P/N	Description
501	Tracker II™



GREENLEE MARKER-MATE ELECTRONIC MARKER LOCATOR

Designed to locate buried electronic markers, including Omni Marker and Uni Marker.

- 5 ft depth range
- Detects up to seven different marker types
- Scan mode provides simultaneous detection of all marker types
- User-adjustable detection threshold
- Digital signal processor accuracy

P/N	Description
EML100	Marker Locator



GREENLEE BURIED LINE LOCATOR

- LED and LCD signal strength indicators make it quick and easy to find exact line location
- Automatic signal boost makes it easy to trace lines, even those with very weak signals
- Receiver may be used in active or passive mode
- Receiver locates multiple passive frequencies with a single setting
- Receiver automatically locks out passive range when it detects a transmitter signal, reducing the chance of tracing other lines carrying weaker signals

P/N	Description
BLL-200	Buried Line Locator



CABLE LOCATORS ACCESSORIES

3M™ 3019 CABLE LOCATOR COUPLER ACCESSORY KIT

The 3019 Accessory Kit contains a 3001 3" Dyna-coupler and a 9011 Coupler Cable with a case that can be attached onto the locator.

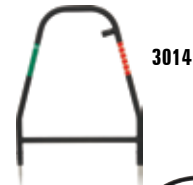
P/N	Description
3019	Cable Locator Coupler Accessory Kit



3M™ 3014 EARTH CONTACT FRAME

Used only when locating sheath (earth return) faults. It indicates direction to the fault and is color coded to correspond with the Receiver's indicator.

P/N	Description
3014	Earth Contact Frame



3M™ 9026 EARTH CONTACT FRAME CABLE

For use with the 3014 Earth Contact Frame for sheath (earth return) fault location; 4' in length.

P/N	Description
9026	Earth Contact Frame Cable



3M™ 9043 GROUND EXTENSION CABLE

Extends ground capability to 12'.

P/N	Description
9043	Ground Extension Cable

