

UNDERGROUND CABLE LOCATORS

CABLE LOCATORS



METROTECH 510™ PIPE AND CABLE LOCATOR

- Sleek, lightweight receiver
- Comfortable, upright locating
- Peak and null operation – for precise locating
- Advanced compression circuitry
- Provides crisp response in congested areas
- Narrow band Antenna – eliminates all interfering frequencies

P/N	Description
510	Includes Transmitter, Receiver, Carrying Case, Conductive Attachment, Ground Rod, Anchor Cord, and Operation Manual



METROTECH 810 PIPE AND CABLE LOCATOR™

- High frequency Jumps Insulators and Gaskets
- Excellent inductive locating
- Saves you time – simultaneous Peak/Null
- Shows you the path – left/right guidance system and audible tone
- Pinpoints your utility and indicates strength of transmitted signal – digital signal strength
- No manual gain adjustments – fully automated

P/N	Description
810	Includes Transmitter, Receiver, Conductive Attachments, Ground Rod, and Operation Manual



METROTECH 810Dx PIPE AND CABLE LOCATOR

- Single high frequency – 83kHz
- Jumps Insulators and Gaskets
- Ergonomic receiver is comfortable to carry
- Distance Sensitive Left/Right Guidance™
- Simultaneous Peak and Null Display™
- Real Time Continuous Gain Adjustment™
- Battery saving constant current transmitter

P/N	Description
810Dx	Includes Transmitter, Receiver, Conductive Attachments, Earth/Ground Rod, Hard Carrying Case, Operation Manual



METROTECH 850 AUDIO FREQUENCY LINE TRACER

- Excellent isolation from adjacent utilities
- Efficient high power 2 Watt transmitter facilitates long distance locating
- Transmitter impedance matching maximizes battery life
- Saves you time – simultaneous Peak/Null
- Shows you the path – left/right guidance system and audible tone
- Pinpoints your utility and indicates strength of transmitted signal – digital signal strength

P/N	Description
850	Includes Transmitter, Receiver, Conductor Attachments, Ground Rod, Carrying Case, Battery Charger and Operation Manual



METROTECH 9860DLXT DUAL FREQUENCY LINE LOCATOR

- Real-Time Continuous Gain Adjustment™ and Manual Gain – A First in Locator Technology
- Superior sensor technology – improved accuracy and productivity
- Lighted display on all models – low light operations without a flashlight
- Distance Sensitive Left/Right Guidance™
- Multi-Frequency - 2 active & 2 passive

P/N	Description
9860DLXT	Includes Transmitter, Receiver with Display Backlighting, Conductive Attachment, Ground Rod, Carrying Case, and Operation Manual
9860RLXT	Rechargeable Transmitter Battery Option. Includes Receiver, Transmitter with rechargeable NiCd batteries, wall mount charger, conductive attachments, operating manual, hard carrying case
9860DFXT	With Sheath Fault Locating Option. Includes Transmitter, Receiver with Display Backlighting, A-Frame Receiver, Conductive Attachment, Ground Rod, Carrying Case, and Operation Manual
9860RFXT	Rechargeable Transmitter Battery Option with Sheath Fault Locating Option. Includes Receiver, Transmitter with SFL frequency and rechargeable NiCd batteries, wall mount charger, A-frame receiver, conductive attachments, operating manual, hard carrying case



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METROTECH 9890DLXT TRIPLE FREQUENCY LINE LOCATOR

- Real-Time Continuous Gain Adjustment™ and Manual Gain – A First in Locator Technology
- Superior sensor technology – improved accuracy and productivity
- Lighted display on all models – low light operations without a flashlight
- Distance Sensitive Left/Right Guidance™
- Multi-Frequency - 3 active & 2 passive

P/N	Description
9890DLXT	Includes Transmitter, Receiver with Display Backlighting, Conductive Attachment, Ground Rod, Carrying Case, and Operation Manual
9890RLXT	Rechargeable Transmitter Battery Option. Includes Receiver, Transmitter with rechargeable NiCd batteries, Conductive Attachments, Operating Manual, Hard Carrying Case
9890DFXT	Triple Frequency Line Locator with Sheath Fault Locating Option. Includes Transmitter, Receiver with Display Backlighting, A-Frame Receiver, Conductive Attachment, Ground Rod, Carrying Case, and Operation Manual
9890RFXT	Triple Frequency Line Locator with Sheath Fault Locating Option. Rechargeable Transmitter Battery Option. Includes Receiver, Transmitter with SFL option and rechargeable NiCd transmitter batteries, wall mount charger, A-frame receiver, conductive attachment, operating manual, hard carrying case



METROTECH i5000™ METROMARK™

The i5000 MetroMark Utility Locator combines Metrotech's advanced line locating technology and electronic marker system (EMS) detection in a single instrument. Capable of detecting and measuring the depth of all commercially available markers, the i5000 MetroMark has the added ability of reading serial numbers of programmable Marker iD's.

Access the i5000's line locating or marker detection mode with one press of the receiver's softkey. The intuitive operational display provides simple maneuvering of all the available features – frequency selection, marker selection, automatic or manual signal gain, and access to the main menu for other advanced features.

- Cable, Sonde & Marker Locator
- Electronic Marker System (EMS) Detection
- Marker iD read capability
- Signal Select™
- Distortion Alert™
- Guidance Compass™

P/N	Description
i5000	MetroMark Receiver 10W Transmitter, Ground Spike, Insulated Conductive Attachments, Operations Manual, Carrying Case

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



METROTECH CLAMPS

P/N	Description
4490	MetroClamp 4" (100 mm) Inductive Transmitter Coupler. Used With: All 9800XT Series: 9860DLXT, 9860DFXT, 9860RLXT, 9860RFXT, 9890DLXT, 9890DFXT, 9890RLXT, 9890RFXT
4820	Metroclamp 4" (100 mm) Inductive Transmitter Coupler. Used with: 510 and 810 Locators



UNDERGROUND CABLE LOCATORS

3M™ DYNATEL™ 2210 CABLE LOCATOR

The 3M™ Dynatel™ 2210 Cable Locator pinpoints the exact path of underground cables and conductors. Lightweight and easy to use, the Dynatel 2210 Cable Locator quickly and accurately:

- Locates cable path
- Measures cable depth with the push of a button
- Measures relative signal current in the target cable
- Locates power cable with direct readout of cable depth

P/N	Description
2210-CATV/N	Includes 2210 Receiver, 3 Watt Transmitter, Carrying Bag

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



UNDERGROUND CABLE LOCATORS



CABLE LOCATORS

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

2273



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.tvcinc.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

2273M



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-CATV/N	Includes 2273M Receiver, 3 Watt Transmitter, 3" coupler, Carrying Bag, 3 Yr. Warranty
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.tvcinc.com for details.



2273M

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.



2220M

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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



3019

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



3014

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



9026

3M™ 9043 GROUND EXTENSION CABLE

Extends ground capability to 12'.

P/N	Description
9043	Ground Extension Cable



9043



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™



501

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	Locator



EML100

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



BLL-200

UNDERGROUND CABLE LOCATORS

MARKER LOCATORS



METROTECH 760DX MetroMark™ ELECTRONIC MARKER LOCATING SYSTEM

- Six standard marker frequencies plus two custom frequencies
- Locates all major brands and types of passive electronic markers
- Ergonomic stand alone design
- Lighted LCD display
- Ambient sensing gain control
- Variable speaker volume
- Push button depth
- Wrong marker alert
- Menu driven operation

P/N	Description
760DX	MetroMark™ Passive Marker Locator, Soft Carrying Case, and Operating Manual



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)



FAULT LOCATORS

GREENLEE PULSER FAULT LOCATOR

Identifies the exact location of even the smallest breaks in insulation by 'pulsing' a high-voltage signal that radiates into the earth at the location of the faults. With the A-frame mounted receiver, a visual analog meter points the way to the source of the voltage.

- Multiple faults on a single wire can be identified, indicating the need to replace instead of repair
- Extra-long test leads feature heavy-duty alligator clips for use on multiple cable types
- Includes a rechargeable transmitter, receiver, A-frame, ground stake, 120V charger and a 12V DC (cigarette lighter) adapter

P/N	Description
PE2003	Pulser Fault Locator



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