PRESS RELEASE

December 18, 2025

AEMC® Instruments Introduces the NEW Cable Verification &Tracing Analyzer Model 6683

Ideal tool for locating, tracing & verifying cables, conductors & metal pipes

The **NEW** Cable Verification & Tracing Analyzer Model 6683 **quickly locates, identifies and diagnoses electrical cables and metal pipes** – even when buried or hidden in the walls. Its transmitter-receiver system combines precision detection, safety and digital clarity for fast, reliable troubleshooting.

Whether identifying a live line, tracing a circuit breaker, or finding a break in a buried conductor, the Model 6683 simplifies complex diagnostics into a few intuitive steps. It detects open circuits and interruptions; locates cables in walls, ceilings or underground; identifies the presence of voltage by non-contact voltage (NCV); works in energized or de-energized systems (Unipolar/Bipolar); and provides real-time feedback by LCD and audible tone.

NEW
Replaces Model 6681

FEATURES

- **Locate, trace and verify** cables, conductors and metal pipes – even when buried or hidden in walls
- **Non-contact voltage detection** (NCV) up to 1000 V$_{AC}$
- **Pinpoint faults fast** – find shorts, opens and breaks with precision and ease
- **Dual operation modes** - works in energized or de-energized systems *(Unipolar/Bipolar)*
- **Clear digital, visual and audible indicators** with adjustable pitch or optional mute for precise tracing
- **Multiple transmitter ID codes** *(up to 7)* for identifying several lines simultaneously
- **Large backlit LCDs** on both transmitter and receiver show transmission power, digital ID, voltage presence indicator and battery status
- **Built-in LED flashlight** for visibility in low-light conditions
- **Auto power-off** on receiver to extend battery life

APPLICATIONS

- Telecommunications and Data Centers
- Utilities and Power Distribution
- Construction and Electrical Contracting
- Industrial and Manufacturing Facilities
- Plumbing & Heating

ORDERING INFORMATION

Cat. #2127.89 – Model 6683   List Price: $359.00

Cable Verification & Tracing Analyzer Model 6683
Includes transmitter & receiver, soft carrying case, set of (2) 5 ft silicone color-coded (red/black) safety leads with 4 mm straight/right angle banana plugs, (2) alligator clips (red/black), 110 V outlet adapter with banana plugs, mini ground rod, E14 bulb adapter, (6) 1.5 V AAA (LR03) batteries and multilingual user manual.

ACCESSORIES

Cat. #5000.97 – Black Test Probe   List Price: $9.00
Cat. #5000.98 – Red Test Probe   List Price: $9.00

REPLACEMENTS: WWW.AEMC.COM

Due to recent tariff adjustments, product prices may be affected, and some surcharges may not yet be included in the prices shown.

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