AEMC® INSTRUMENTS

DETECTS OPENS & SHORTS

MEASURES CABLE LENGTH

BUILT-IN TONE GENERATOR

Model CA7024

Finds opens, shorts and cable length

▶ **SPECIFICATIONS**

MODEL	CA7024
MEASUREMENTS	
Range @ Vp = 70%	6000 ft or 2000m (selectable)
Resolution	0.1 ft up to 100 ft, then 1 ft (0.1m up to 100m, then 1m)
Accuracy	±2% of Reading
Minimum Cable Length	12 ft (4m)
Cable Library	Built-in, user selectable and user programmable
Velocity of Propagation (Vp)	Adjustable from 0 to 99%
Output Pulse	5V (peak to peak) into open circuit; nanosecond rise Step Function
Output Impedance	Automatic compensation
Display Resolution	128 x 64 pixel graphical LCD
Tone Generator	Oscillating 810 to 1110Hz
Voltage Warning	Triggers at >10V$_{AC/DC}$
Power Source	Four 1.5V AA Alkaline batteries (included)
Auto Power Off	After three minutes
Weight	12 oz (350g)

CE □

▶ **FEATURES**

- Hand-held Cable Length Meter and Fault Locator for multiple conductor cables
- Detects opens and shorts and the distance to them from one end of the cable
- Measure cable length up to 6000 ft or 2000m (selectable)
- Automatic cable impedance compensation
- Built-in library of most common cables and their Velocity of Propagation (Vp)
- Manual selection of Vp for all cables not found in library
- User programmable cable library with 15 storage positions
- Vp setting displayed along with length and cable type (if in library)
- Built-in tone generator for tracing and locating cables
- Large high-visibility blue electroluminescent backlit display

Tone Receiver/Cable Tracer Model TR03:

- Compatible with Models CA7024, CA7027 and CA7028
- One button operation
- Volume control
- Audio output

◀ **Tone Receiver Cable Tracer**

Model TR03
available as an accessory

▶ **PRODUCT INCLUDES**

BNC pigtail cable with alligator clips, four 1.5V AA batteries, soft carrying case and user manual.

CATALOG NO.	DESCRIPTION
2127.80	Fault Mapper Model CA7024 (Cable Length Meter & Fault Locator – Alphanumeric TDR)
Accessories (Optional)	
2127.76	Tone Receiver/Cable Tracer Model TR03