AEMC® INSTRUMENTS
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Summary Sheet



Wire Mapper Pro Model CA7028

Cat. #2127.82
LAN Cable Tester
Detects open circuit pairs, shorts, crossed wires, crossed pairs, reversed pairs, split pairs and shield faults. Identifies telephone and data lines. Designed for UTP, STP, FTP, and SSTP cabling equipped with RJ-45 connectors and wired to TIA568A/B ISO11801 and EN 50137, USOC, or ISDN specifications.

Cat.#2127.82

Range	500ft (150m)
Accuracy	±5% of Reading
Cable Type	UTP, STP, FTP, SSTP
Faults Indicated	Short Circuit Pair Open Circuit Wire Short Between Pairs Split/Cross Pairs Pair Reversals Shield Continuity
Fault Location	Near end, remote end, or distance if midway
Fault Display	Fault and setting info displayed textually and graphically
Output Impedance	Automatic compensation
Main Unit Display Resolution	128x64 pixel graphical LCD
Backlight	Blue electroluminescent
Tone Generator	Oscillating 810 to 1110Hz
Voltage Warning	Audible and visual warning of TNV (Telecom Network Voltage)
Power Source	4 x 1.5V AA alkaline batteries (included)
Auto Power Off	After three minutes
Dimensions Main Unit **Remote (included)**	6.5 x 3.5 x 1.5” (165 x 90 x 37mm) 2.5 x 2.0 x 1.0” (65 x 52 x 25mm)
Weight Main Unit **Remote (included)**	12 oz (350g) 1.5 oz (40g)
Operation Temperature	32° to 112°F (0° to 44°C)

For more details, download the datasheet or user manual at www.aemc.com

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Storage Temperature	-4° to 158°F (-20° to 70°C)
Ingress Protection (IP) Rating	IP54
EMC	EN 61326-1, EN 61000 Parts: 4-2, 4-3, 4-4, 4-6
Safety Compliance	IEC 61010-1 CE

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