

Megger Time Domain Reflectometer

Dual input/output ports, large graphic display enable wide range of comparison tests

- Use on any Cable with at Least Two Insulated Metallic Elements
- Measuring Ranges from 150 to 49,000 Ft.
- Locates Opens, Shorts, Splices, Taps, Presence of Water in the Cable, and More
- Identifies Faults and Other Line Activity Such as Crosstalk, Branches, Load Coils and Transformers, Capacitor Networks
- Low-Voltage Power Lines—Locates Burnouts, Various Splice Conditions, Transformers, Shorts Between Phases, Illegal Taps
- Dual Input/Output Ports Provide Real-Time Good Pair vs. Bad Pair Measurements
- 15-Trace Memory Stored Traces Can Be Downloaded to Printer or PC.

Each Unit Includes:

Test/carrying pouch (EV6420-114), "bed of nails" test-lead set (EV6231-655), carrying strap for pouch (EV6220-611), instruction manual (EV6172-444).



▲ **CFL535E—Advanced features make this TDR ideal for demanding cable-testing applications**

Specifications

Ranges :	150, 300, 600, 1200, 3000, 6000, 12,000, 24,000, 49,000 ft
Accuracy:	0.1% of all ranges
Resolution:	4 in. to 600 ft., 8 in. to 1200 ft., 0.1% of range over 1200 ft.
Velocity Factor:	Variable, 0.03 to 0.999 in steps of 0.001
Output Impedance:	Balanced 120Ω
Display:	Graphic LCD with backlight, 256 x 128 pixels
Operating Environment:	5 to 122°F (-15 to +50°C), 95% RH max. @ 104°F (40°C)
Power:	Six LR6 (AA) batteries, manganese-alkali or nickel-cadmium (not included)
Size/Weight:	9.8 x 7.9 x 4.3" HWD (250 x 200 x 110 mm)/3.3 lb (1.5 kg)

Ordering Information

Order #	Mfg #	Description	Price
MP655535E	CFL535E	General-Purpose Time Domain Reflectometer	
MP6220-669	EV6220-669	Mains Blocking Filter	
MP6231-694	EV6231-694	Miniature-Clip Test Lead Set	

Megger Multi-Function Installation Tester

First installation tester with low-current loop test for surge-sensitive supplies

- Internal Memory Stores Up to 750 Test Results,
- Three Test Voltages and Insulation Resistance Ranges
- Two Continuity and Resistance Ranges.
- Digital Display Has Selectable Backlight Plus Analog Bargraph

Each Unit Includes:

Two-wire test lead set with probes (EV6231-631), test and carry case with strap (EV6420-114/EV6220-611), one red (EV6280-283), one black (EV6280-284) alligator clip, setup and download software on 3.5" disk (EV6220-629), eight AA batteries; power cord (EV6220-654), and instruction manual.



Specifications

Test Voltages:	250V, 500V, 1 kV DC (into 1 mA load)
Insulation Resistance Range:	1 kΩ to 99.9 MΩ, 1 kΩ to 200 MΩ, 1 kΩ to 499 MΩ (relative to test voltage range)
Accuracy:	±2% ± 2 digits up to 99 MΩ
Continuity and Resistance Ranges:	0.01 to 99.9Ω, 100Ω to 99.9 kΩ
Accuracy:	±2% ± 2 digits to 99.9Ω ±5% ± 2 digits to 99.9 kΩ
Low-Current (15 mA) Loop Test:	0.1Ω to 200 kΩ 200 kΩ to 1.99 MΩ
Safety:	IEC1010-1 (1995), EN61010-1 (1995) for CAT III,
Power Supply:	Eight 1.5V AA alkaline cells (included) or 1.5V NiCd rechargeable cells
Size/Weight:	9.65 x 7.87 x 3.74" (245 x 200 x 95 mm) HWD/2.98 lb (1.35 kg)

Ordering Information

Order #	Mfg #	Description	Price
MPCM500	CM500	Multifunction Installation Tester	
Transcat Calibration with Data			CALL
Transcat Calibration without Data			CALL

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Telecom/Datacom Test Instruments