Data Sheet

TES-48

LAN CABLEMETER

FEATURES

❑ Tests : UTP. FTP. Coax cables, two, three, or four wire pairs in twisted pair cables and test all category UTP cables and hardware.

❑ Verify end-to-end connectivity per EIA/TIA 568 wiring standard.

❑ Detects wiring problems : Opens, Shorts, Miswires (Crossed, Reversed, Split pair).

❑ Locates wiring/connection errors (distance to the open or short)

❑ Can identify up to 8 different cables at one end by provided remote identifiers.

❑ Measures cable length.

❑ Data memory and read function.

❑ Easy to use only : One button to select the test.

❑ Low battery, Auto power off, long battery life (60 hours continuous)

❑ Near Short :The short happens at the length lower than 50% of total length of the tested cable.

❑ End Short: The short happens at the length greater than 50% of total length of the tested cable.

SPECIFICATIONS

Display	Large size LCD display.
Connector	RJ45 and BNC
Category	CAT5, User-Calibration.
Faults Status	Opens, Shorts, Reversed, Crossed, Split Pair.
Test Type	TEST provides a pass/fail report on the cable under test. In case a failure has been detected, the display offers additional diagnostic information. LENGTH provides the length of each pair (in case a twisted pair cable is being tested). WIRE MAP provides the detail wiring for the cable.
Cable Length	Range 2 to 999ft or 1.0 to 350m. Resolution Cables < 100 ft : 0.5 ft , Cables > 100 ft :1ft Cables < 100 meters : 0.5m , Cables > 100 meters :1m Accuracy 5% + 3ft or 5% + 1m
Data Memory Capacity	99 sets
Power	6 pcs 1.5V size AAA battery.
Input Protection	The inputs withstand telephone ringing and loop voltages.
Size / Weight	150mm × 72mm × 35mm / Approx. 215g
Environment Conditions	Operating : 0℃ to + 40℃ , Storage : -20℃ to + 60℃
Accessories	Instruction manual , Carry case , One FTP Category 5 patch cables , One RJ45F – RJ45F female coupler, Cable identifier #1 for the verification of the wire map. (Optional 1 for #2, #3 & #4) (Optional 2 for #5, #6, #7& #8)

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