MT900
Cable Length Meter

The MT900 is a precision cable length meter that uses TDR (Time domain reflectometer) technology to measure cable length. The meter can be used for any cable consisting of at least two insulated metallic elements, one of which may be the sheath or shield of the cable.

It has an automatic internal matching network to allow testing with an automatic selection range, which correspond to power, telephone, CAT 5 and Coax cables. The meter can be closely matched to the cable under test using the function selection keys. The Velocity of propagation (V.O.P.) value can be similar adjusted to match the cable under test, thus ensuring an accurate distance measurement.

The MT900 meter has a cable library for quick and easy access to 20 standard cable types, which enables accurate measurement without necessity of entering V.O.P. (Velocity of Propagation). This cable meter can also store up to 99 internal memory locations which can be used for future analysis. The V.O.P. can be calculated for the cable under test and added to this library.
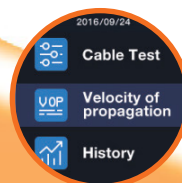
Features

- Measures copper cable up to 3.0km
- 20 Standard Cables Library
- 99 Internal memory locations store up to 99 traces for future analysis
- Measures V.O.P (Velocity Of Propagation) of a sample cables
- Automatic output impedance and range control
- Auto-Zero / Auto range
- 2.4 inch TFT Colour Screen
- High accuracy and fast reflection
- Auto-Sensitivity allows for closer matching to a wide range of cable under test, only V.O.P. settings required
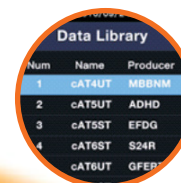
Function	Range	Accuracy
Maximum range @ V.O.P 99.9%	3.0 km @ VOP≤ 99.9%	±(2% +0.2m)
Maximum range @ V.O.P 80.0%	2.4 km @ VOP ≤ 80.0%	±(2% +0.2m)
Maximum range @ V.O.P 66.0%	2.0 km @ VOP ≤ 66.0%	±(2% +0.2m)
Maximum range @ V.O.P 50.0%	1.5 km @ VOP ≤ 50.0%	±(2% +0.2m)
Range selection	Automatic	
Output Impedance	25, 50, 75, 100, 125 or 150 ohms	
Impedance Selection	Automatic output impedance control	
Velocity factor	Adjustable from 1.0% to 99.9%	
Cable Library	20 standard cable types	
Memory location	99 for Custom cable types	
Connector	BNC/RJ45	
Line Volatge detection	6.5V	
Dead zone	5m pair cable or coaxial, 10m single cable	
Digital Display	2.4 inch TFT colour screen	
Size	152 x 61 x 34mm	
Weight	227g	

TFT Full Colour Screen

Easy to use Function Menu

99 internal memory locations

Built-in 20 groups of standard cable V.O.P value

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