

BS34

High Precision TDR Cable Length Meter

BS34 is primarily designed for cable & retailers, contractors, electricians, and cable & alarm installers who need to measure the cable lengths and test for opens and short in all types of cable.

		
<p>TDR technology applicable for any cable consisting of at least 2 insulated metallic core. Such as BNC, LAN, Signal and power cable.</p>	<p>Direct measure cable length in one end, without unrolling of cable reels</p>	<p>Measure cable length and open or short location using TDR technology</p>
		
<p>Line Voltage Detection: with warning display and auto stops operation (250Vrms) (BS35 only)</p>	<p>Integrated 39 sets standard cable data and 20 sets user define memory, allows of quick and easy measurement</p>	<p>Quickly identify 5 common wiring faults: Open, Short, Cross, Split and Reversed (BS35 only)</p>

Features:

- Accurate to 20" (50 cm) throughout the entire range up to 10,000 ft (3 km).
- Extra-large backlit (ICON type7 segment) LCD.
- Automatic output impedance control, auto-range, auto-zero, and auto-sensitivity allows for closely matching to a wide range of cables under test. Only V.O.P(Velocity of propagation) settings required.
- User-friendly menu on screen operation for easy-to-use.
- Measuring capability of the V.O.P of a sample cable.
- 20 internal memory locations store up to 20 traces for future analysis.
- Internal library of 39 standard cables allows of quick and easy measurements of the length of the 39 standard cable types.





Accessories:

- Batteries, 1.5 x4 (BT9)
- Alligator Clip adapter (AC9)
- Soft Carrying Case (S2C)
- User's manual

Standards

EMS BS/EN 612323-1)

IEC 61010-1

General Specifications

Maximum Range : Depends upon the V.O.P of the cables under test
3.7km @ V.O.P \leq 99.9%
3.0km @ V.O.P. \leq 80.0%
2.4km @ V.O.P. \leq 66.0%
1.9km @ V.O.P. \leq 50.0%

Range Selection : Automatic range control

Resolution : 50 cm

Accuracy : \pm 2% of reading + 50 cm <100 m
 \pm 2% of reading > 100 m

*This accuracy is effective for Coaxial Cables up to 2.4 km, Telephony Cables up to 2km, and Structured Wiring up to 1 km.

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 : 39 standard cable types

Memory Location : 20 for custom cable types

Connector : BNC

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