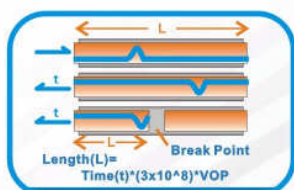


BS35

High Precision TDR LAN Cable Tester



BS35 is specially designed to speed up the onsite testing of data networks and production testing of cable assemblies. The meter quickly tests shielded and unshielded LAN cables and identifies all commonly found Pair, Split Pair, and Reversed Pair. Digital display shows these 5 common wiring faults and the provided 1 Female RJ45 to Female BNC remote identifier will make wire-mapping a breeze.



TDR technology applicable for any cable consisting of at least 2 insulated metallic core. Such as BNC, LAN, Signal and power cable.



Direct measure cable length in one end, without unrolling of cable reels



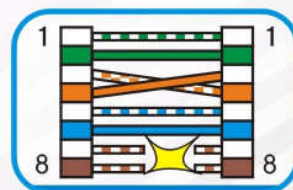
Measure cable length and open or short location using TDR technology



Line Voltage Detection: with warning display and auto stops operation (250Vrms)



Integrated 39 sets standard cable data and 20 sets user define memory, allows of quick and easy measurement



Quickly identify 5 common wiring faults: Open, Short, Cross, Split and Reversed

Features:

- Accurate to 2" (5 cm) throughout the entire range up to 2,000 ft (600 m).
- Digital Display shows 5 common wiring faults: Open Pair, Shorted Pair, Crossed Pair, Split Pair, and Reversed Pair.
- Includes 1 remote identifier for wire mapping.
- Extra-large backlit (ICON type 7 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.
- Tone Generator (Oscillating 910 to 1100 Hz with 5 Vp-p).
- Line Voltage Detection: Displays "OUCH" message and stops operation if line voltage exceeds 6.5 V.
- Safety Protection (up to 250 V RMS).

Accessories

- Batteries, 1.5 x4 (BT9)
- Alligator Clip adapter (AC9)
- Male BNC to Female RJ45 adapter (TDR MBF45) ,Female RJ45 to Female BNC
- Remote Identifier #1 (TDR ID1)
- RJ45 to RJ45 Patch Cable (TDR 45 PC)
- RJ45-RJ45 Female Coupler (TDR 45 PC)
- Soft Carrying Case (S2C)
- User's manual

Optional Accessories

- Remote Identifier #2 (TDR ID2)
- Remote Identifier #3 (TDR ID3)
- Remote Identifier #4 (TDR ID4)

Standards

EMS BS/EN 612323-1

IEC 1010-1



General Specifications

Maximum Range	
@ V.O.P = 66.0%	: 600 m (2,000ft.)
Range Selection	: Automatic range control
Resolution	: 5 cm (2 in)
Accuracy	: \pm [1% of reading + 10cm (4 in.)]
Impedance Selection	: Automatic output impedance control
Velocity Factor	: Adjustable from 1.0% to 99.9%
Tone Generator	: Oscillating 810-1100 Hz (5Vp-p unloaded)
Cable Library	: 39 standard cable types
Memory Location	: 20 for custom cable types
Connector	: Female BNC & Female RJ45
Input Protection	: 250 V RMS (BNC Terminal only)
Line Voltage Detection	: 6.5 V
Dead Zone	: 5 m (15 ft)

CALTEK INDUSTRIAL (HONG KONG) LIMITED

www.bstcaltek.com

Hong Kong Office

Address: Unit 11 10/F, Kwai Cheong Center, 50 Kwai Cheong Road, Kwai Chung, N.T., Hong Kong
Email: caltek@caltek.com.hk Tel: (852) 2401-1222 Fax: (852) 2420-3472

Singapore Office

Level 15, Suite 27, Prudential Tower, 30 Cecil Street, Singapore 049712
Email: caltek_sg@caltek.com.hk Tel: (65) 6232-2903 Fax: (65) 6232-2888