

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For more than 40 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

KT-300 LAN CABLE TESTER



Item no. 3499420

Cable/network tester to analyze wiring on phone, computer network and coax cables

FEATURES

- Measuring advertised Ethernet speeds // Ethernet PoE measurement //
- Ethernet port test // Locating Ethernet ports on Ethernet NICs //
- Identifying unlabelled cables via remote identifier //
- CCTV camera video signal measurement //
- Speaker mapping //
- Mapping of surround systems (5.1 / 7.1) //
- Alarm system battery testing //

TECHNICAL DATA

Power supply 3 × AA 1.5 V batteries

Maximum voltage between
any two pins without damage 100 V/DC or 70 V/AC

Operating temperature 0 to +50 °C

Storage temperature..... -20 to +60 °C

Operating humidity 10 - 90 % RH, non-condensing

Storage humidity..... 10 - 90 % RH, non-condensing

Dimensions (W x H x D) (approx.).. 81 x 193 x 37.2 mm

Weight (approx.)..... 326 g (with battery)

Memory

Record format..... Text file

Memory..... up to 250 test reports

Cable testing

Cable types supported..... UTP, FTP and SSTP twisted pair; Coax: 50
Ω, 75 Ω, 93 Ω;
Telephone wire;
Speaker and alarm wire

Cable testing parameters Open, short, reversal, split pairs, wiremap,
propagation delay, skew, Ohms, Length
and distance to fault



Cable length measurement

Measuring technique	Time domain reflectometry (TDR)
Measurement range	0.5 - 610 m
Accuracy	±(2 % + 1 m)
Minimum cable length for split pair detection.....	0.5 m
Minimum RLQ.....	7 m
VOP calibration sample	min. 50 m

VOP default values

DATA.....	67.2%
VOICE	60.8%
VIDEO	60.0%
SPKR.....	72.0%

Battery test

Supported battery voltages.....	max. 60 V
Current load.....	100 mA

PACKAGE CONTENTS

- Cable tester
- 3x AA batteries
- 8x Remote IDs
- 2x RJ45 to RJ45 cable
- USB-C® to USB-A cable
- RJ45 to alligator clip cable
- Carrying bag
- Operating instructions

ACCESSORIES

- Tone probe Voltcraft item no. 3489144

