

Cable tester ETHERtest V5.3

General information

The cable tester **ETHERtest V5.3** is an indispensable measuring device to check, document and certify the network infrastructure for Ethernet, PROFINET and EtherCAT. It is easy to use and menu-driven (15 languages available).

Function

The ETHERtest V5.3 is capable of evaluating all measurements necessary for the certification and acceptance test of network cables up to class EA/category 6A (500 MHz). The line length attenuation, crosstalk, resistance, delay, shield and the correct pin assignment are detected and evaluated metrologically. The Cat 5e+6 measurement commonly used in practice is carried out within 9 seconds. All measurement results are displayed graphically, whereby the type and location of errors can be identified exactly to the decimeter. All measurements are stored automatically in an internal memory and can be retrieved in the form of a measurement report by a software program.

Technical data

- Max. test frequency: 500MHz
- Test standards
 - ISO/IEC 11801: Class C, D, E and EA
 - TIA 568: Kategorie 3, 5, 5e, 6, 6A
- Measurement range: 150 m
- Resolution: 0,1 m
- Accuracy: $\pm 0,3 \text{ m} + 2 \%$
- Internal memory: ca. 12000 CAT 6A measurements
- Connectivity: USB, WiFi

General data

- Dimensions (H x W x D): 27,94 x 13,33 x 66,7 mm
- Typ. battery life: 8 h
- Operating temperature: 0°C to +45°C
- Storage temperature: -30°C to +60°C

Scope of delivery

- Main unit
- Remote unit
- 2x RJ45 CAT 6A/Class EA-Channel adapter
- RJ45 reference patch cable 15cm
- Carrying case
- AC adapters
- USB cable
- Manual + software (CD)
- Quickstart guide

Ordering details

ETHERtest V5.3 (for copper)

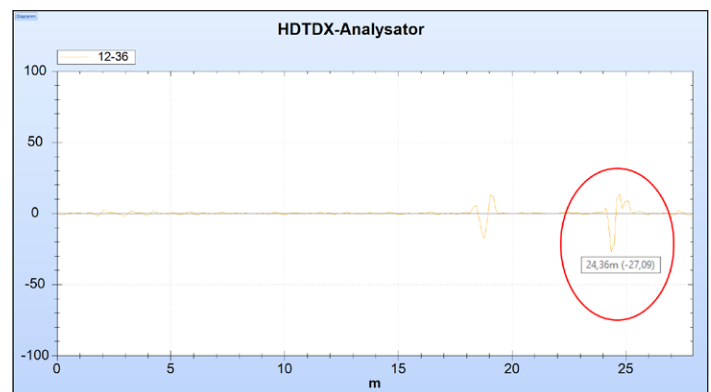
Art. No.

112010022

Accessories

M12 Adapter set for ETHERtest V5.1/V5.3
112020015
M12-X Adapter set for ETHERtest V5.1/V5.2/V5.3
112020102


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Fault order

This figure shows at which distance one core or a pair gets too high an attenuation