Electrical Tester PCE-CLT 10

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Cable length measuring device with high measuring accuracy and fast measuring results / 2.4" TFT display / Measuring range up to 3000 meters (9842.5 ft) / 20 preset cable types /Compact design / additional storage option for up to 99 cable types

The cable length measuring device PCE-CLT 10 is a multifunctional device which enables high accuracy and fast measurement results. If used appropriately, the cable length meter can be used to measure cables that are installed or are ready to be installed. The cable length measuring device can be used to determine cable lengths of up to three kilometers or two miles by time domain reflectometry. The cable length tester has 20 standard types of cables that are pre-stored and user-defined storage of up to 99 cable types is also possible on the device itself. The stored data can be viewed directly on the device and can be used as required. Due to the built-in technology comparatively short cables can be tested.

To increase battery life, the device automatically shuts off after 10 minutes of inactivity. This automatic shutdown can be set individually by the user at intervals of 10 minutes. In addition to the automatic shutdown, the device offers a bright TFT display, which makes a quick reading of the measurement results also possible due to its backlighting.

▶ High measuring accuracy up to 3000 m / 9842.5 ft
▶ Results are displayed in seconds
▶ 2.4" TFT color display
▶ Automatic shutdown adjustable
▶ Illuminated TFT display
▶ 20 pre-set cable types

Specifications

Measuring range cable length	Depending on the propagation speed of the tested cables 5 ... 3000 m / 16.4 ... 9842.5 ft with shortening factor ≤99.9% 5 ... 2400 m / 16.4 ... 7874.0 ft with shortening factor ≤80.0% 5 ... 2000 m / 16.4 ... 6561.7 ft with shortening factor ≤66.0% 5 ... 1500 m / 16.4 ... 4921.3 ft with shortening factor ≤50.0%
Measurement units	m, ft
Resolution	0.1 m
Measuring principle	Time domain reflectometer
Selection area	Automatic control range
Measurement accuracy	± [2% of reading ± 0.2 m] <100 m ± [2% of reading ± 0.5 m] ≤100 m
Impedance selector	Automatic output of the impedance control
Shortening factor / propagation speed	Adjustable from 1.0 ... 99.9%
Cable types	20 standard cables
Memory	99 memory slots for individual cables
Connector type	BNC, RJ45, and alligator clips
Power supply	2 x 1.5V AA battery
Battery status indicator	Yes
Automatic shutdown	Adjustable between 10 and 60 minutes
Menu languages	German, English
Operating temperatur	0 ... 40°C / 32 ... 104°F
Storage temperature	-10 ... 50°C / 14 ... 122°F
Relative humidity	0 ... 80% rel. humidity

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Manual

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