# CABLE LOCATOR

## PCE-CLT 100-ICA



» **Measuring range 5 … 1500 m (16.4 … 4,921.3 ft)**
» **Measurement within seconds**
» **Data memory**
» **Database with 86 cable types**
» **User-specific cable database**
» **Adjustable shortening factors (VoP)**
» **2.8 inch TFT color display**
» **incl. ISO-Calibration Certificate**

The cable locator is a versatile, reliable and precise measuring device for determining cable lengths using the proven transit time method. With this professional cable locator, cables can be reliably measured without having to unwind them - ideal for use in trade, electrical installation and maintenance. The measuring range extends from 5 to 1500 (16.4 … 4,921.3 ft) meters, and the device reliably detects short circuits and breaks in the cable.

Thanks to the integrated cable database with 86 different cable types and the option to teach in your own cables and set customized shortening factors, the cable locator is particularly flexible to use. Connection is convenient via 4 mm laboratory sockets with the crocodile clips supplied or via a BNC socket for coaxial cables.

# Specification

## Length

| | |
|---|---|
| Measurement range up to | 5 ... 1500 m |
| Resolution | 0,1 m |
| Accuracy | ± (1% v. Mw.+ 0.2 m) |

## General technical data

| | |
|---|---|
| Measuring principle | Time-delay method (TDR) |
| Units | m, ft |
| Connections | BNC, 4 mm laboratory socket |
| Display type | LCD |
| Display size | 2,8 Inch |
| Storage medium | Internal memory |
| Storage capacity | 100 Measurements |
| Interface | USB-C |
| Operating time | 20 h |
| Operating time additional information | depending on the display brightness |
| Number of cable types in database | 86 |

| Types of cables | Cat3 |
| --- | --- |
| | Cat5 |
| | Cat5e |
| | Cat6 |
| | Cat6a |
| | Cat7 |
| | Cat7a |
| | RG58 |
| | RG59 |
| | RG6 |
| | RG6U |
| | A2YL 2x2x0.8 |
| | H05 RR-F 3x0.75 |
| | H05 RR-F 3x1 |
| | H05 RR-F 3x1.5 |
| | H05 RR-F 3x2.5 |
| | H05 RR-F 4x1.5 |
| | H05 RR-F 5x1.5 |
| | H05 RR-F 5x2.5 |
| | H0VV-F 3x1.5 |
| | H0VV-F 3x2.5 |
| | H0VV-F 5x1.5 |
| | H0VV-F 5x2.5 |
| | H07 NF 4x10 |
| | H07 NF 4x16 |
| | H07 NF 4x25 |
| | H07 NF 5x2.5 |
| | H07 NF 5x10 |
| | H07 NF 5x16 |
| | H07RN-F 3x2.5 |
| | H07RN-F 4x2.5 |
| | H07RN-F 5x2.5 |
| | H07RN-F 5x4 |
| | H07RN-F 5x6 |
| | H07RN-F 5x10 |
| | JYYFL-J 3x1.5 |
| | JYYFL-J 5x1.5 |
| | NJYYFL-J 4x1.5 |
| | NJYYFL-J 5x2.5 |
| | NJYYFL-O 3x1.5 |
| | NYIF-J 3x1.5 |
| | NYIF-J 3x2.5 |
| | NYIF-J 4x1.5 |
| | NYIF-J 5x1.5 |
| | NYIF-J 5x2.5 |
| | NYM-J 3x1.5 |
| | NYM-J 3x2.5 |
| | NYM-J 3x4 |
| | NYM-J 4x1.5 |
| | NYM-J 4x2.5 |
| | NYM-J 4x4 |
| | NYM-J 4x6 |
| | NYM-J 4x10 |
| | NYM-J 4x16 |
| | NYM-J 4x25 |
| | NYM-J 5x1.5 |
| | NYM-J 5x2.5 |
| | NYM-J 5x4 |
| | NYM-J 5x6 |
| | NYM-J 5x10 |
| | NYM-J 5x16 |
| | NYM-J 7x15 |
| | NYM-J 10x1.5 |
| | NYM-O 2x1.5 |
| | NYM-O 3x1.5 |
| | NYY-J 3x1.5 |
| | NYY-J 3x2.5 |
| | NYY-J 4x1.5 |
| | NYY-J 4x10 |
| | NYY-J 4x16 |
| | NYY-J 4x25 |
| | NYY-J 4x35 |
| | NYY-J 5x1.5 |
| | NYY-J 5x2.5 |
| | NYY-J 5x4 |
| | NYY-J 5x6 |
| | NYY-J 5x10 |
| | NYY-J 5x16 |
| | SIHF-J 3x1.5 |
| | SIHF-J 3x2.5 |
| | SIHF-J 5x1.5 |
| | SIHF-J 5x2.5 |
| | SJHF-J 3x2.5 |
| | YSLY-J2 3x1 |
| | YSLY-J2 3x1.5 |
| | YSLY-J2 5x1.5 |
| Cable cross-section from ... to | 0.25 ... 16 mm² |
| Shortening factor from ... to | 0 ... 0.99 |
| Menu language | German, English (GB), English, Spanish, Italian, French, Dutch, Portuguese, Turkish, Polish, Russian, Chinese, Japanese, Danish |
| Protection class (device) | IP50 |
| Power supply | USB 5V DC 500mA |
| (Rechargeable) battery | 1 x 3,7 V internal , Lithium-ion polymer battery |

| | |
|---|---|
| Capacity | 2500 mAh |
| Operating conditions | -20 ... 65 ℃ , 10 ... 95 % RH |
| Storage conditions | -20 ... 65 ℃ , 10 ... 95 % RH |
| Dimensions ( L x W x H ) | 165 x 85 x 32 mm |
| Weight | 255 g |