

CABLE LOCATOR

PCE-VDV 10



- » Supports shielded and unshielded cables (Cat 3 ... Cat 7A, coaxial)
- » LED indicators for status and fault diagnosis
- » Maximum cable resistance: 100 Ω DC
- » Maximum cable length up to 305 m / 1000.7 ft
- » Continuity test
- » Wiring test
- » Short-circuit test
- » Pair test
- » Shielding test

The cable locator is a portable testing device for diagnosing faults in network and coaxial cables and is used for the rapid inspection of structured cabling. The cable locator supports shielded and unshielded twisted-pair cables of categories Cat 3, Cat 5, Cat 5e, Cat 6, Cat 6A, Cat 7, Cat 7A, as well as coaxial cables, such as those used in TV, antenna and surveillance systems.

Testing is carried out using a two-part system consisting of a main unit and a remote unit, which also allows permanently installed cables to be tested reliably. The most important test procedures include continuity testing of the conductors (pins 1-8), wiring testing to check the correct assignment of the wire pairs, and the detection of short circuits, wiring faults and split-pair faults. In addition, the shielding of shielded cables is checked. The test range covers cable lengths of up to 305 m, whilst the minimum cable length for split-pair detection is approximately 0.5 m.

Our cable locator operates using test signals transmitted between the main unit and the remote unit. The results are displayed via LED indicators. Steady LEDs indicate correct wiring, whilst flashing LEDs indicate faults in the respective wire pairs.

Specification

General technical data	
Measuring functions	Continuity test, Wiring test, Short-circuit test, Pairwise wire testing, Shielding test
Connections	RJ45, F-connector
Types of cables	- Coaxial - Cat 3 - Cat 5 - Cat 5e - Cat 6 - Cat 6A - Cat 7 - Cat 7A
Max. input voltage	60V DC / 55V AC
Protection class (device)	IP20
Power supply	batteries
(Rechargeable) battery	2 x 1,5 V AAA battery , Alkali-manganese
Capacity	1270 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 (non-condensing)% RH
Storage conditions	-20 ... 60 °C , 10 ... 90 (non-condensing)% RH
Dimensions (L x W x H)	55 x 28 x 140 mm
Weight	119 g