

# KAPG 100

## Cable conductor test set

The **KAPG 100** is the successor of the KAPG 80 / 90 and it is compatible with them. The **KAPG 100** is used for testing connected and unconnected conductors.



### Characteristics of the KAPG 100

- Testing for contact, interruption, interchanging and ground fault
- Speaking connection between the two testers
- Reach up to 30 km

# Technical description

## Ordering Information

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### Description

The **KAPG 100** is used for testing connected and unconnected conductors for contact, interruption, interchanging and ground fault. A speaking connection is given between the two examining places at the same time.

Testing and speaking is possible at a loop resistance up to max. 2000 ohms and allocation with office facilities and/or terminal device examine (e.g. telephone).

The loop resistance without coil-loading corresponds to a line length of:

**approx. 7 km** at a conductor diameter of **0,4 mm**  
**approx. 16 km** at a conductor diameter of **0,6 mm**  
**approx. 30 km** at a conductor diameter of **0,8 mm**

A capacity of approx. 35 nF/km is considered between the cable conductors.

The KAPG 100 consists essentially of a compact and stable plastic case into which the electronic circuit, the operating device and the connection element are built-in. The speaking set and the test cord are attached to the connection element by colored or with symbols labeled ports.

The battery receptacle is accessible from outside and houses a 9V block battery.

The speaking set has receivers on both sides and a revolving microphone. The connection cord has colored plugs for microphone (red) and listeners (black).

The three-core test cord consists of colored silicone cords with plugs. Two of the three cords serve as a speaking line (a = blue, b = black) and are summarized by means of shrinkable tubes. The third cord is the test line (red).

**Attention: For testing you need minimum two KAPG!**  
**A combination of KAPG 80 / 90 and 100 is possible.**

### Ordering details:

Description	Article No.
KAPG 100, Cable conductor test set	1019070
Consisting of:	
1 Testing instrument	1019071
1 Speaking set with connection cord	1019072
1 Test cord, complete	1019073
1 Carrier bag with belt for testing instrument	1019074
1 User manual	1019075
1 Soft bag for the complete KAPG 100	1019076

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