



BARTEC 5T-1

The BARTEC 5T-1 is a microprocessor-controlled fault locator for communication and signal cables. Fault location is based on the Murray circuit. Two or three wire measurement can be selected. The K upfm uller measurement ensures an exact fault location even in wet cables. The measurement is automatic and guarantees an easy and accurate location of cable faults up to a fault resistance of 50 M .

The fault position can be indicated either in Ohms or directly in metres. The resistances per km for various conductor sizes are programmed in the instrument.

The monitor mode enables the recognition of intermittent faults.

The location of cable faults in mixed sections is very easy through the menu-assisted operation.

Special features:

- Easy menu-guided operation with context sensitive help messages.
- Fault location up to fault resistances of 50 M .
- Monitor mode for intermittent faults.
- Integrated test network.
- Handy and light-weight.
- Fault resistance measurement
- Voltage measurement
- Length measurement
- Fault location (two wire, three wire, K upfm uller)
- Fault location in mixed cable sections



Technical data:

Measuring voltage:	250 V DC \pm 6%
Measuring current:	100 μ A \pm 6%
Fault location range:	max. 2000 Ω loop resistance
Conductor sizes:	0.35 - 0.4 - 0.5 - 0.6 - 0.8 - 0.9 - 1.0 - 1.2 - 1.3 mm
Option:	Other conductor sizes to national standards possible.
Fault location accuracy:	\pm 0.2 % of reading \pm 0.2 Ω \pm 1 digit
Insulation resistance measurement:	0 - 50 M� \pm 4%
Noise-level measurement:	\pm 250 V DC
Current supply:	1 x 9 V Alkaline, E-block GLR 61
Operation time:	approx. 40 hours
Protection against external voltages:	up to 300 V DC up to 240 V AC / 50 Hz, short-term
Integrated test network	

General Data:

Nominal operating temperature:	-10 �C up to +50 �C
Storage and transport:	-20 �C up to +70 �C
Dimensions:	260 x 110 x 40 mm
Weight:	600 gr

Standard accessories:

Transport case, test cables



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Cable Fault Locator



DIN ISO 9001

sebaKMT



hagenuk KMT
KABELMESSTECHNIK GmbH

Product Range: Instruments and Test Vans for Fault Location in Power and Telecommunication Networks and for Leak Detection in Water and Sewage Networks • Cable and Pipe Locators • Seminars
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Technical data subject to change without notice.

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