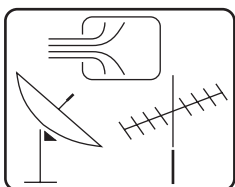
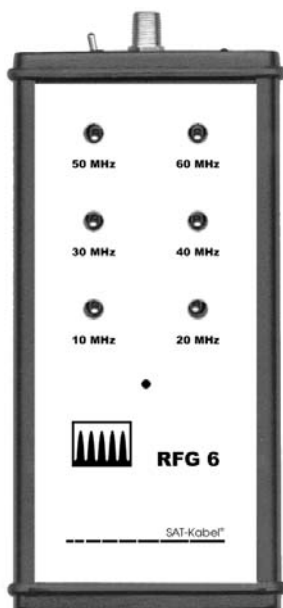


OPERATING INSTRUCTIONS

RFG 6

Return path fixed frequency generator



SAT-Kabel[®]

Satelliten- und Kabelfernsehanlagen/Industrievertretung GmbH
Chemnitzer Straße 11 · 09217 Burgstädt

We thank you for buying of a product of the company SAT-Kabel®.

This operating instructions shall help you to understand the functions of the instrument and to ease its use. If you have questions about this instrument or suggestions for further improvements, please get in touch with us.

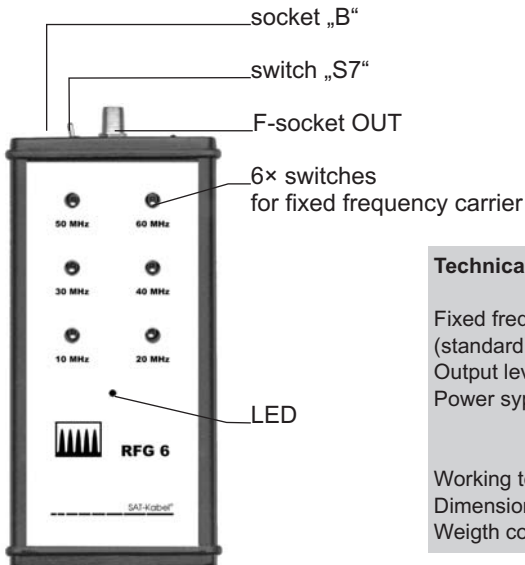
General

The *RFG 6* is a return path fixed frequency generator and supplies 6 single switchable fixed frequencies; standard: 10/20/30/40/50/60 MHz. The output level at the F-output socket is 110 dB μ V. The *RFG 6* serves to the adjustment and monitoring of the return path range of CATV systems.

Delivery volume

- 1 RFG 6 incl. high-quality NiMH accumulator
- 1 Plugin charging device AC/DC
- 1 F-adapter cable SD-35
- 1 Fixed attenuator 10 dB
- 1 Plastic case
- Operating instructions

Operational elements



Technical data:

Fixed frequ. carrier (standard)	6, switchable (10, 20, 30, 40, 50, 60 MHz)
Output level	110 dB μ V
Power supply	NiMH-Accu 6 V/1800 mAh charging power supply MB070C025 7 VDC/250 mA
Working temperature	0 °C – 40 °C
Dimensions	175 × 85 × 35 [mm]
Weigth complete	1,1 kg

For attention!

- Do not measure at live objects >65V AC !
- Do not expose incident solar radiation, heath and extreme coldness!
- The working temperature range is 0 °C until +40 °C

- avoid shocks by bumps or falling down. We recommend the use of the imitation leather bag.
- The F-measuring socket is a high-quality component. This one is designed for a maximum diameter of 1.1 mm of the inner conductor.

Operating

The *RFG 6* is switched on with the switch "S7". The LED indicates the operating readiness as well as shows the charging state of the accumulator as follows:

Green	=	full capacity
yellow	=	nearly empty, working conclude
red	=	accumulator must be charged.

The 6 fixed frequencies can be connected to the output by means of the switches "S1" up to "S6". The output signal is available at the F-socket.

At the application the operating level of the generator is decreased by means of the enclosed attenuator of 10 dB to 100 dB μ V.

The stability of the output level is ± 1 dB in a temperature range from 0 °C to +40 °C and in a range of the accumulator voltage from 5.8 to 7.2 V.

The *RFG 6* is powered by a 7.2 Volt nickel-metall-hyrid high quality accumulator. This accumulator can be recharged at appropriate charging up to 1000 times by the battery charger (containing in the delivery) connected at the socket "B".

With a filled accumulator the *RFG 6* can operate about 5 hours. The charging time of an empty accumulator takes 7 hours up to maximal 9 hours.

Cleaning and maintenance

The surface of the housing can be cleaned with a dry, soft and lintfree cloth. Do not use aggressive solvents for the cleaning.

Guarantee

State July 2006

For this instrument will be granted a service life (in following called guarantee) to following conditions:

- This guarantee is valid for new instruments purchased in Germany.
- New instruments and their components, which are defective because of production faults and/or material faults, are repaired or are replaced from SAT-Kabel® against a corresponding instrument.
- For wear parts, like accumulators, keyboards, housings, bags, connecting cables this guarantee is valid for 6 month from the purchasing date.
- The guarantee claim expires at matings by the purchaser or third persons.
- At defects, caused by improper handling or operating, by wrong installation or store, by improper connection or mounting, no guarantee is granted .
- For not justified demand of our service we charge for our service the usual payment for material, working hours and forwarding costs.
- Repairs are only made with filled service covering.

(Forms for service coverings and further information are found in the standard form contracts under:

www.sat-kabel.de)

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Errors, technical amendmends and developments are subject to change without notice!
