

# Schomandi FIT 400

## Through Line Power Meter

### Main Features:

Frequency Range: 400MHz -1000 MHz

Power Range: 20mW-50W

VSWR Indicator

No Element Needed

Digital LCD Read Out

Easy To Use

Low Battery Indicator

Made In Germany

Antenna Grounded Indicator

Antenna Ohm Check

Measures DC Voltages Up To 30V



# FIT 400 MHz ... 1000 MHz

**Frequency range:** ..... 400 MHz ... 1000 MHz

## RF-Power measurement (cont. or bursts)

Measuring range:..... 20 mW ... 50 W

Resolution:.....0.1 dB

Offset-setting: .....  $\pm 12.7$  dB (0.1 dB-steps)

Accuracy:..... $\leq \pm 1$  dB (P = 1 W)

.....typ.  $\pm 0.5$  dB (P = 1 W)

Display:..... numeric, bargraph, min/max, in W or dBm

## VSWR-measurement

Measuring range:..... 1.2 ... 10, > 10

Resolution:..... 0.1 (VSWR: 1.0 ... 3.0)

..... 0.2 (VSWR: 3.0 ... 5.0)

..... 0.5 (VSWR: 5.0 ... 10.0)

Display:.....numeric, bargraph, min/max

.....simultaneously to power

**Indication of antenna short-circuit:** .....LED-red

## Voltage measurement

DC range: .....0 ... 30 V

Resolution:.....30 mV

Display:.....numeric, bargraph, min/max

## Resistance measurement

Range:.....0.3 Ohm ... 1 kOhm

Resolution:..... 0.1 Ohm

Display:..... numeric, bargraph

Beeper:..... active at < 8 Ohm

## General

Connectors: ..... N-sockets at RF-head

Safety sockets for 4 mm banana plugs for V<sub>=</sub>, Ohm, GND

Display:.....2-line, LCD with back light

Power requirements: ..... 4 ea Mignon-batteries

..... or 4 ea NiCd rechargeable batteries size AA

Power consumption (without back light): ..... < 95 mA

Dimensions: (instrument) ..... 197 mm x 97 mm x 40 mm

(RF-head) ..... 120 mm x 75 mm x 30 mm

Weight: (instrument) ..... approx. 0.55 kg incl. batteries

(RF-head) ..... approx. 0.6 kg incl. cable

## Delivery

Base unit, RF-head, operating manual

## Ordering information

Fast-Installations-Tester FIT 400 - 1000 MHz ..... BN 86813.000

## Accessories

Transportation case

(for FIT, operating manual and accessories)..... BN 86813.101