



# TeleMobileLabs.com

Wireless Technology Products & Services

## RF SWITCH ATT MOBILE

Unit description:

**RFswitchATT.mobile** – Automated Reconfigurable Microwave Attenuator with GPS localization – developed by TeleMobile Sp. z o.o.

RFswitchATT.mobile - can be used for GSM / EDGE / UMTS / CDMA / WCDMA / HSxPA / WiMAX / LTE base stations, NodeB's, eNodeB's & terminals (mobile phones, tablets and data modems) in order to accurately simulate attenuation of wireless signals propagating through buildings, trees and other obstacles during the RF drive test measurements. It is a great improvement over manual testing in terms of time and accuracy.





# TeleMobileLabs.com

Wireless Technology Products & Services

## Technical specifications:

Impedance:	50 $\Omega$
Frequency Range	50 to 6000MHz
Attenuation Range:	0 – 95 dB
Attenuation Steps:	0.25dB, 1dB, 2 dB
Insertion Loss:	Typ. 6dB@0-30dB, 7,5dB@30-60dB, 9dB@60-95dB
	Max. 9,5dB@0-30dB, 12,5dB@30-60dB, 16dB@60-95dB
Attenuation Accuracy:	$\pm$ 0.7dB@0-30dB att.
	$\pm$ 1.5dB@30-60dB att.
	$\pm$ 2.4dB@60-95dB att.
Switching Speed:	10 $\mu$ s .typ.
Input/Output VSWR:	<2.0, typ. 1.8 @ ATT < 10dB
	<1.3, typ. 1.2 @ ATT > 10dB
Maximum Input Power	28dBm
RF Connectors:	SMA, N – female

## Hardware specification:

- + Controlled by IP application (WWW/API/SSH) up to 32 attenuators units
- + Remote Control – Ethernet (IP, 10/100 Mbps)
- + Optional Manual Control – 3-button keypad and LCD display
- + High-Quality 2U 19" rack cases aluminum chassis (desktop, mobile with handheld also available)
- + Power supply: 100-230VAC 50/60Hz (Optional 12VDC)
- + Optional Backup power supply – 1300mAh (about 2h runtime)
- + Operating Temperature: 0 ~ 40°C
- + Operating Humidity: 10 ~ 90%
- + Weight: ~2.0 kg

TYPE	WIDTH	DEPTH	HEIGHT
Rack case	44 cm	29 cm	2U
Desktop with handheld	44 cm	26 cm (37 cm with open handheld)	2U
Mobile with handheld	38 cm	26 cm (37 cm with open handheld)	2U