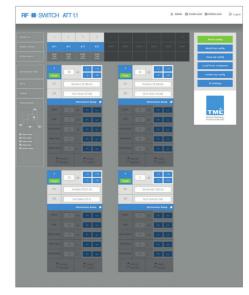# RF ╫ SWITCH ATT

Unit description:

RFswitchATT – reconfigurable RF switch/attenuator unit with frequency range from 50 to 4000 MHz

The RFswitchATT unit is used to attenuate (decrease) and switching the RF signals between wireless devices. Product include LAN software suite supports automated scripting in LabView.

Technical specifications:

Impedance:	50 Ω
Frequency Range:	50 to 4000 MHz
Attenuation Range:	0 − 95 dB
Attenuation Steps:	0.25dB, 1dB, 2 dB
Insertion Loss:	4.5dB @ < 1GHz, 5.4dB @ 1 − 2 GHz, 5.7dB @ 2 - 3GHz, 7.8dB @ 3 - 4GHz
Attenuation Accuracy:	± 0.5dB
Switching Speed:	10 µs typ.
Input/Output VSWR:	Max. <2:1, Typ. 1.6:1
RF Connectors:	N − female, SMA - female (front or rear chassis side)

Hardware specification:

+ RF Attenuator with frequency range from 50 to 4000 MHz, 28 dBm power handling capability
+ Controlled by micro-controller by IP web application up to 32 attenuators units
+ Remote Control – Ethernet (IP, 10/100 Mbps)
+ High-Quality 2U 19″ rack cases aluminum chassis (desktop, mobile with handheld also available)
+ Internal RF connectors are highly shielded semi-rigid SMA cables
+ External power supply (brick) – AC Supply 100-240 VAC @ 47-63 Hz
+ Operating Temperature: 0 ~ 40˚C
+ Operating Humidity: 10 ~ 90%
+ Weight: ~2.0 kg

Dimensions:

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