

AP01 Programmable Attenuator

◆ **Attenuation range 0-110 dB with 1 dB step**



DESCRIPTION

Designed to adjust signal levels. May be used as a self-contained instrument or in ATE composition when there is a control over series interface RS 232C.

Comprises two step attenuators with attenuation range of 0-15 dB with 1 dB step or 0-110 dB with 10 dB step.

The attenuators may be connected with a jumper. Such a connection allows the adjustment of signal power in a 0-110 dB range in 1 dB step.

SPECIFICATIONS

Frequency range: 0-17.85 GHz

Incremental attenuation:

0-15 dB step attenuator: 0-15 dB with 1 dB step

0-110 dB step attenuator: 0-110 dB with 1 dB step

0-15 dB step attenuator setting accuracy:

for 1-5 dB attenuation: ± 0.9 dB

for 6-10 dB attenuation: ± 1.2 dB

for 11-15 dB attenuation: ± 2 dB

0-110 dB step attenuator setting accuracy:

for 0-50 dB attenuation: ± 3.2 dB

for 60-110 dB attenuation: $\pm(0.25+0.05 A_x)$

Input VSWR: not more than 2.5

Input connector cross-section: 3.5/1.5 mm

Initial attenuation:

2 GHz 1 dB

2-8.2 GHz 2 dB

8.2-17.85 GHz 3.5 dB

Max input power: not more than 0.2 W

Attenuation is programmed over series interface RS 232C

Power: 220 V, 50 Hz

Power consumption: 30 VA

Operating temperature range: -10...50 °C

Dimensions: 95.5x250x299 mm

Weight: 3.5 kg