

## AC 701 / 702 Manual Switched Attenuator

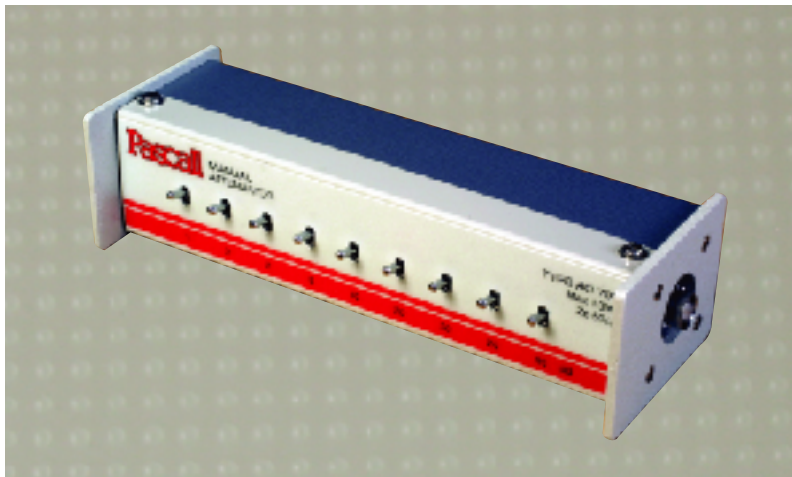
0-100 dB in 1dB steps

DC - 500MHz

50ohm impedance AC 701

75ohm impedance AC 702

Well screened, robust  
construction



The AC701/AC 702 Switched Attenuators are economically priced units offering 100dB range in 1dB steps from DC - 500MHz with an impedance of 50 $\Omega$  AC 701 or 75 $\Omega$  AC 702 and BNC female connectors.

The Attenuators use toggle switches to select combinations of nine attenuator pads.

Individual Pi sections are used in order to maintain a constant input and output impedance irrespective of attenuation setting. Gold plated switch contacts are used to ensure maximum reliability and long life.

These small, robust and well screened units are ideally suited to meet the requirements of design, production and field test engineers.

# AC 701 / 702 Manual Switched Attenuator

	AC 701	AC 702
Attenuation range	0-100dB	0-100dB
Step size	1.0dB	1.0dB
Frequency range	DC - 500MHz	DC - 500MHz
Insertion loss (max)	DC - 100MHz 0.35dB 100 - 250MHz 0.65dB 250 - 500MHz 1.20dB	DC - 100M 0.35dB 100 - 250MHz 0.75dB 250 - 500MHz 1.50dB
VSWR (max)	DC - 250MHz 1.10:1 250 - 500MHz 1.20:1	DC - 250MHz 1.25 250 - 500MHz 1.30
Accuracy overall	$\pm 0.015$ dB/dB $\pm 0.15$ dB max	$\pm 0.015$ dB/dB $\pm 0.15$ dB max
RF power	500mW (+27dBm) max	500mW (+27dBm) max
Impedance (nom)	50 ohms	75 ohms
Connectors	BNC (female)	BNC (female)
Weight (nom)	510g	510g
Size	176 x 60 x 44mm	176 x 60 x 44mm

