



Description

High quality low noise passive resistance 1000:1 and 100:1 attenuators designed for general laboratory work.

The 9766 and 9767 have been designed to complement the 5018, 5025 and 5051 laboratory calibrators by allowing small AC or DC signals with low noise to be processed from the 2 and 20 volt ranges.

The 9766 attenuator (1000:1 version) allows 10 kΩ input resistance. The 9767 (100:1 version) allows 1 kΩ input. Output resistance is 10 Ω for both.

Connection is made via BNC leads using 4 mm to BNC adaptors. These are available as individual extras or come as standard with the 9796 premium test lead set for multifunction calibrators.

Both units are housed in a heavy duty die cast case for robustness, with an air tight seal between the lid and the case body.

Features

- Low noise passive resistance attenuators
- 0.05 % DC accuracy
- 1 Watt metal film resistors
- BNC quality connectors
- 50 ppm/°C temperature coefficient
- Heavy duty die cast case
- Two point fixing option

Specifications

Attenuation	9766 = 1000:1 9767 = 100:1
Input Resistance	9766 = 10 kΩ 9767 = 1 kΩ
Accuracy	DC: ±(0.05 % + 10 μV) AC: ±(0.1 % + 30 μV)
Output Resistance	10 Ω
Maximum Voltage	22 V DC or AC RMS
Power Rating	1 W
Temperature Coefficient	50 ppm/°C
Dimensions	L 115 x H 52.5 x D 64 mm (height incl. BNC sockets)
Weight	0.28 kg
Optional Extras	BNC/BNC lead 1 meter. BNC/4 mm adaptor

Ordering Information

9766	Low Noise Attenuator 1000:1
9767	Low Noise Attenuator 100:1
8613	BNC / BNC lead
6274	BNC / 4 mm Adaptor

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.