

Advanced TLP/HMM/HBM Solutions

1 Features

- 6 dB surge robust attenuator for TLP, HMM and reverse recovery measurements
- DC 3.5 GHz bandwidth
- 2.5 kV peak pulse voltage
- SMA interface

2 Description

The attenuator HVA-06B is used to attenuate high voltage pulse signals in a 50 Ω line. The device is symmetrical. Input and output can be exchanged.

3 Electrical Data

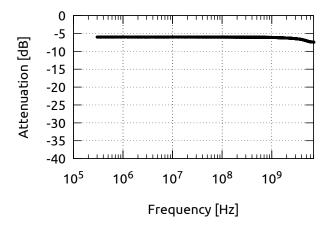


Figure 1: Typical frequency response

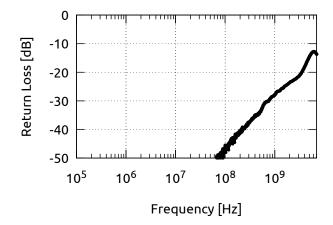


Figure 2: Typical return loss



Nominal impedance Ω 50 6^{+1} dΒ Nominal attenuation Frequency range DC to 3.5 GHz Attenuation deviation dB 1 Peak pulse voltage¹⁾ 2.5 k۷ 1) max. 1 µs pulse width, max. 0.25 % duty cycle

4 Physical Dimensions

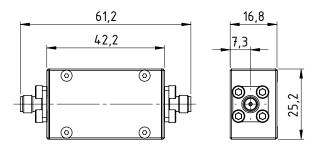


Figure 3: Dimensions in [mm]

5 Ordering Information

Pos.	Description	Part No.
01	High Voltage Attenuator 6 dB	HVA-06B

General

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