

# High Voltage Attenuator 6 dB

## HVA-06A

Advanced TLP/HMM/HBM Solutions

### 1 Features

- 6 dB surge robust attenuator for TLP and HMM measurements
- 1.5 kV pulse peak input voltage at maximum 1.6 μs pulse width
- SMA interface



### 2 Description

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

Nominal impedance	:	50 Ω
Nominal attenuation	:	6 <sup>+0.5</sup> <sub>-0.5</sub> dB
Frequency range	:	DC to 3 GHz
Attenuation deviation	:	1 dB
Peak pulse voltage <sup>1)</sup>	:	1.5 kV
Peak pulse power <sup>1)</sup>	:	45 kW
<sup>1)</sup> max. 1.6 μs pulse width, max. 0.25 % duty cycle		

### 3 Electrical Data

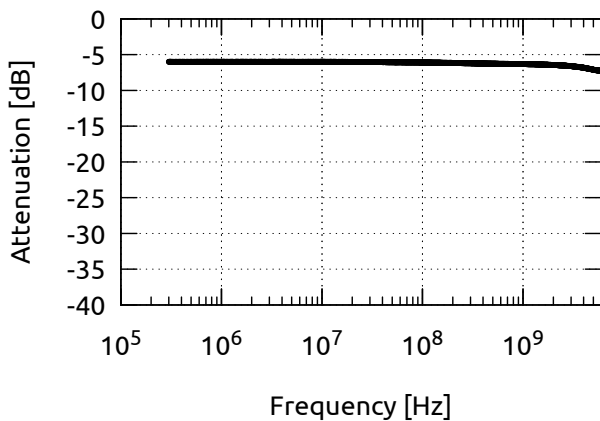


Figure 1: Typical frequency response.

### 4 Mechanical Data

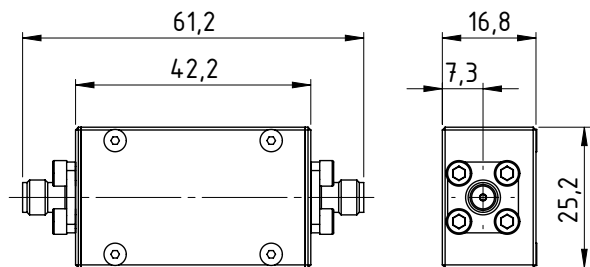


Figure 3: Physical dimensions in [mm].

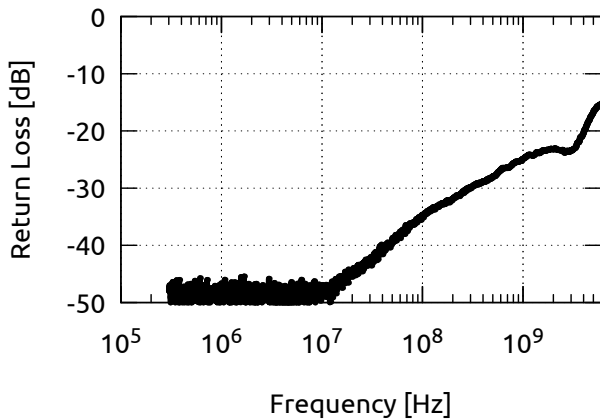


Figure 2: Typical return loss.

### 5 Ordering Information

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

#### General

The product data contained in this data-sheet is exclusively intended for technically trained staff. You and your technical departments will have to evaluate the suitability of the product for the intended application and the completeness of the product data with respect to such application. Our products are solely intended to be commercially used internally and should not be sold to consumers. This data-sheet is describing the specifications of our products for which a warranty is being granted by HPPI GmbH. Any such warranty is granted exclusively pursuant the terms and conditions of the respective supply agreement. There will be no guarantee of any kind for the product and its specifications. For further information on technology, specific applications of our product, delivery terms, conditions and prices please contact HPPI:

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