

High Voltage Attenuator 20 dB

HVA-20A

Advanced TLP/HMM/HBM Solutions

1 Features

- 20 dB surge robust attenuator for TLP, HMM and reverse recovery measurements
- DC - 7 GHz bandwidth
- 1.5 kV peak pulse voltage
- SMA interface



2 Description

The attenuator HVA-20A 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

Nominal impedance	:	50	Ω
Nominal attenuation	:	20 ⁺¹ ₋₁	dB
Frequency range	:	DC to 7	GHz
Attenuation deviation	:	1	dB
Peak pulse voltage ¹⁾	:	1.5	kV
Maximum DC input voltage	:	22	V
Maximum DC input current	:	445	mA

¹⁾ max. 1 μs pulse width, max. 0.25 % duty cycle

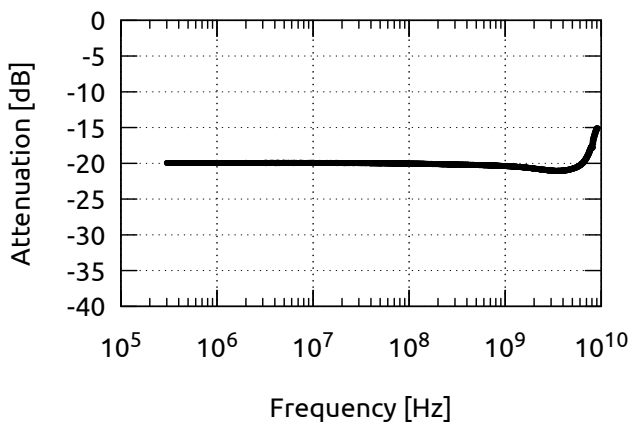


Figure 1: Typical frequency response

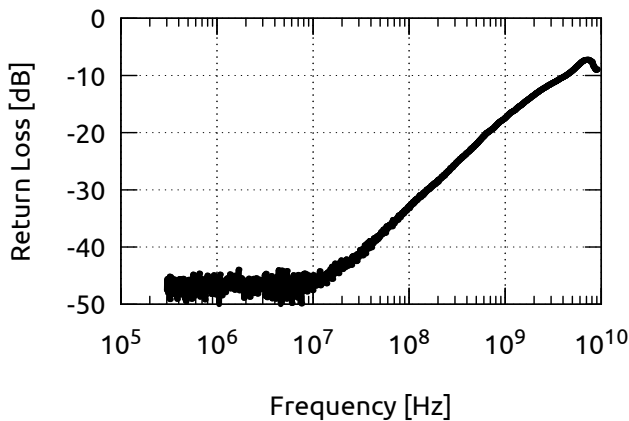


Figure 2: Typical return loss

4 Physical Dimensions

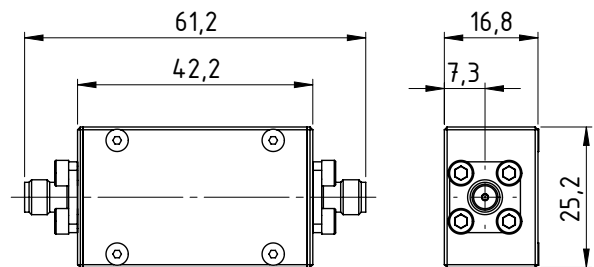


Figure 3: Dimensions in [mm]

5 Ordering Information

Pos.	Description	Part No.
01	High Voltage Attenuator 20 dB	HVA-20A

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 to 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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