High Voltage Attenuator 34 dB HVA-34A-NFM

Advanced TLP/HMM/HBM Solutions

1 Features

- 34 dB surge robust attenuator for TLP and HMM measurements
- 1.5 kV pulse peak input voltage at maximum 1.6 µs pulse width
- N female/male interface

2 Description

The attenuator HVA-34A-NFM 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	:	34^{+1}_{-1}	dB
Frequency range	:	DC to 3	GHz
Attenuation deviation	:	1	dB
Peak pulse voltage[1)]	:	1.5	kV
Peak pulse power[1)]	:	45	kW
DC voltage (max)	:	10	V

[1)] max. 1.6 µs pulse width, max. 0.25 % duty cycle

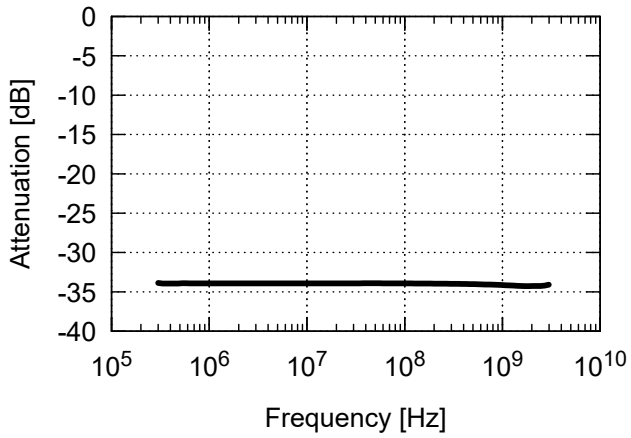

Figure 1: Typical frequency response

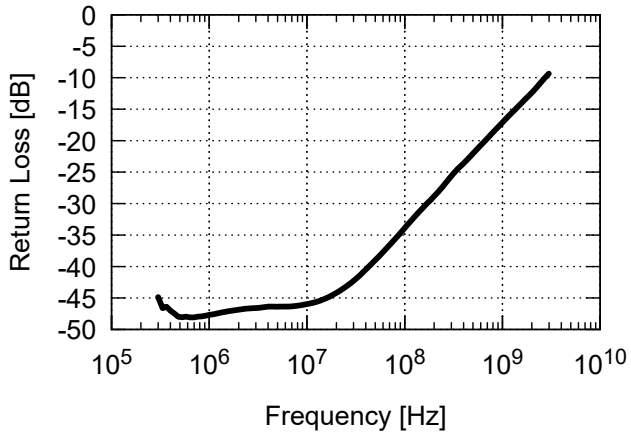

Figure 2: Typical return loss

4 Mechanical Data

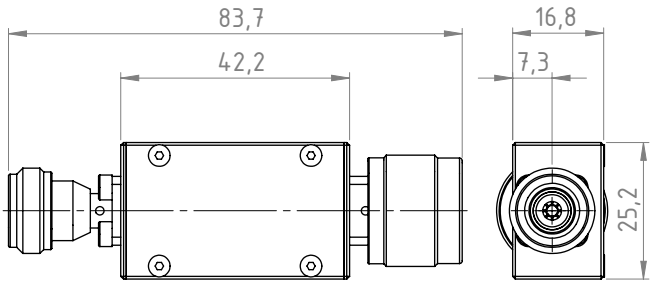

Figure 3: Physical dimensions in [mm]

5 Ordering Information

Pos.	Description	Part No.
01	High Voltage Attenuator 34 dB	HVA-34A-NFM

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:

High Power Pulse Instruments GmbH
Stadlerstrasse 6A
D-85540 Haar, Germany
Phone : +49 (0)89 8780698 - 440
Fax : +49 (0)89 8780698 - 444
E-Mail : info@hppi.de

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