

200 ns Rise-Time Filter ORTF-200

Advanced TLP/HMM/HBM Solutions

1 Features

- 50 Ω rise-time filter for TLP measurements
- 200 ns ($\pm 10\%$) rise-time
- 60 A pulse peak current at 1.6 μs pulse width
- 3.5 kV pulse peak voltage
- SMA connectors



2 Characteristics

The rise time filter is used to generate a pulse rise-time of 200 ns at the output of the filter. The filter can be connected directly at the pulse output of the high voltage pulse generator.

The rise-time of the pulse at the input of the filter should be ≤ 1 ns. The filter is fully symmetrical. Input and output can be exchanged.

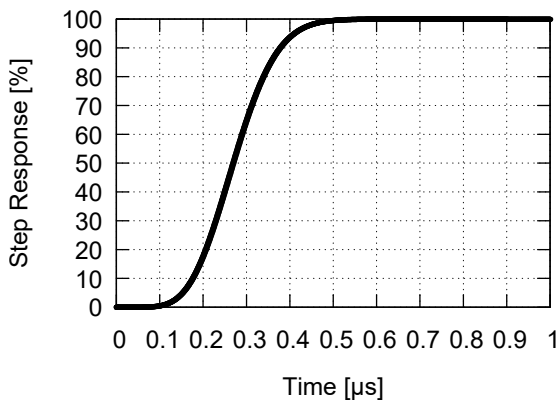


Figure 1: Step response

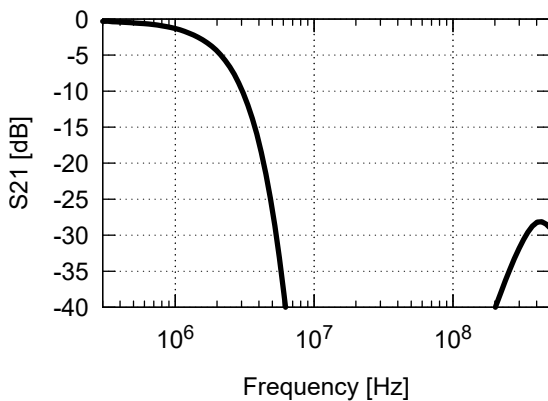


Figure 2: Frequency response

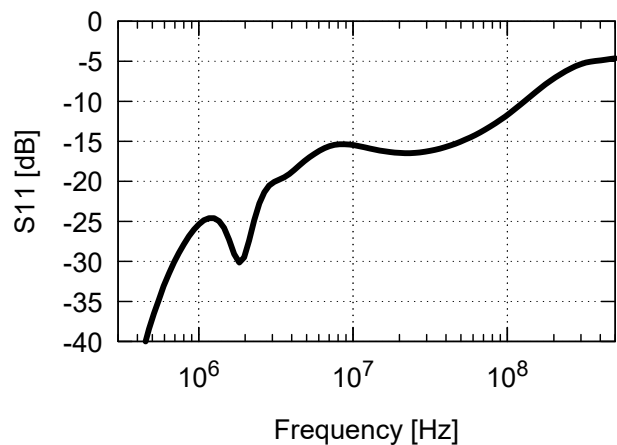


Figure 3: Return loss

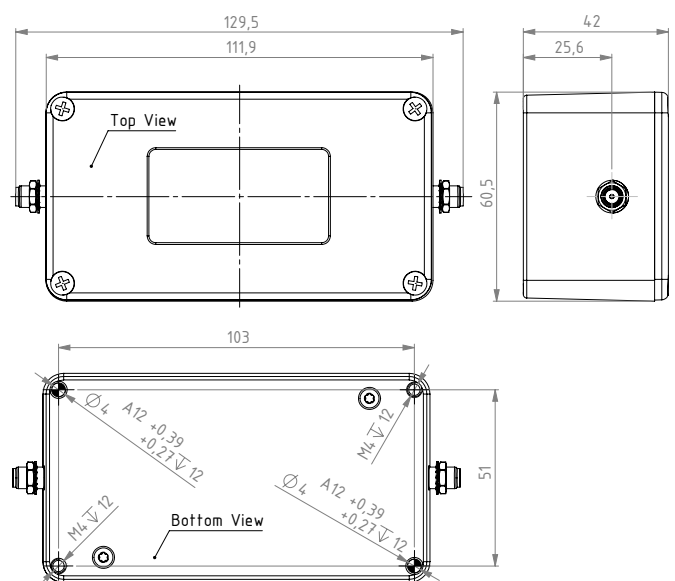


Figure 4: Dimensions in [mm]

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3 Ordering Information

Pos.	Description	Part No.
01	200 ns Rise-Time Filter	ORTF-200

General

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