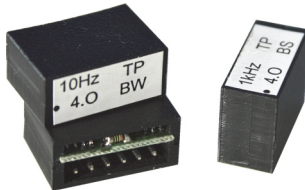


Product Information

Plug-in Filter



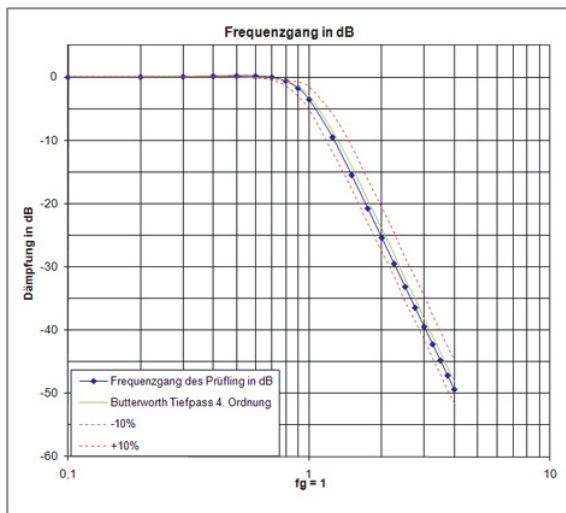
Characteristics

The filters are designed for flexible interference suppression of signals. The cut-off frequency of a TSA Module can be easily changed by inserting another filter. Besides the frequency another characteristics can be selected as well. By combination of 2 filters, an 8-pole filter can be created.

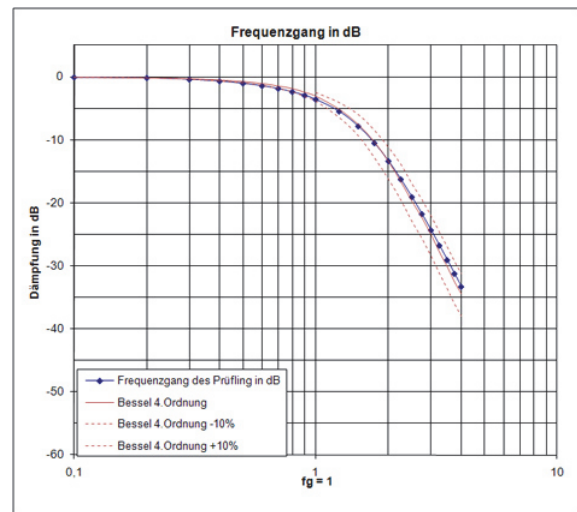
Technical Data

Supply voltage	by TSA Module (± 15 V)
Standard frequencies in Hz	10, 30, 50, 100, 300, 500, 1 k, 3 k, 5 k, 10 k
Accuracy filter frequency	$< \pm 15$ %
Residual ripple	< 2 mV _{pp}
Characteristics Low-pass, High-pass (Band pass) (others on request)	Butterworth Bessel
Order	
Standard	4
Combination of 2 filters	8
Environmental temperature	0..50 °C

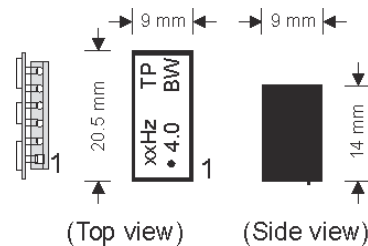
Frequency response Butterworth filter



Frequency response Bessel filter



Dimensions



Ordering Code

SFIL - 1. - 2.

1. Filter frequencies (Hz)

Enter standard values: 10, 30, 50, 100, 300, 500, 1k, 3k, 5k, 10k
 Enter non- standard value: 10..30k

2. Filter characteristics

BW Butterworth 4th order
 BS Bessel 4th order

Example: SFIL-20k-BS