

SAW Filter $\Phi\Pi3\Pi7-3666E$

Main Electrical Parameters

Parameters	Unit	Typ. value
Insertion loss	dB	24
1 dB bandwidth	MHz	6,6
Pass band ripple 32,75...39,35 MHz	dB	$\pm 0,8$
Attenuation, reference at 36,0 MHz 32,15 MHz 39,85 MHz	dB	40 40
Attenuation, reference at 36,0 MHz 25,0...30,5 MHz 30,5...32,15 MHz 39,85...41,5 MHz 41,5...45,0 MHz	dB	50 40 40 50
Group delay 33,15...38,95 MHz	ns	50
Temperature coefficient of frequency	ppm	-72

Application:

- SAW filter for digital TV-broadcasting
- Medium frequency of a pass band 36,0 MHz

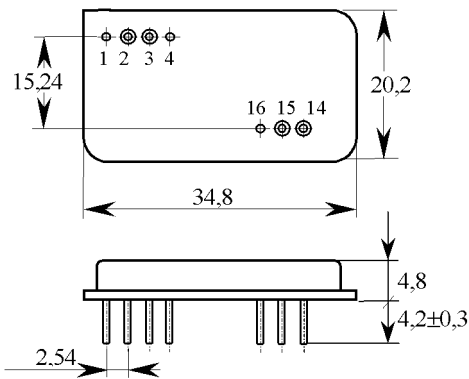
Measuring conditions:

- $t=25\text{ }^{\circ}\text{C}$
- $R_{\text{source}}=R_{\text{load}}=50\ \Omega$

Metal package: DIP 24-7

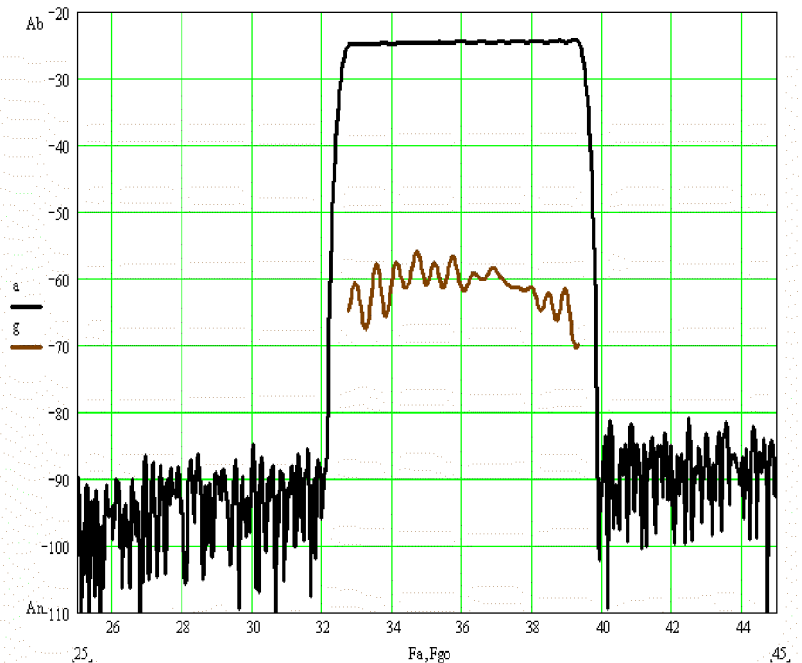
Pin configuration:

- 2 – input ground;
- 3 – input;
- 14 – output ground;
- 15 – output;
- 1,4,16 – ground.



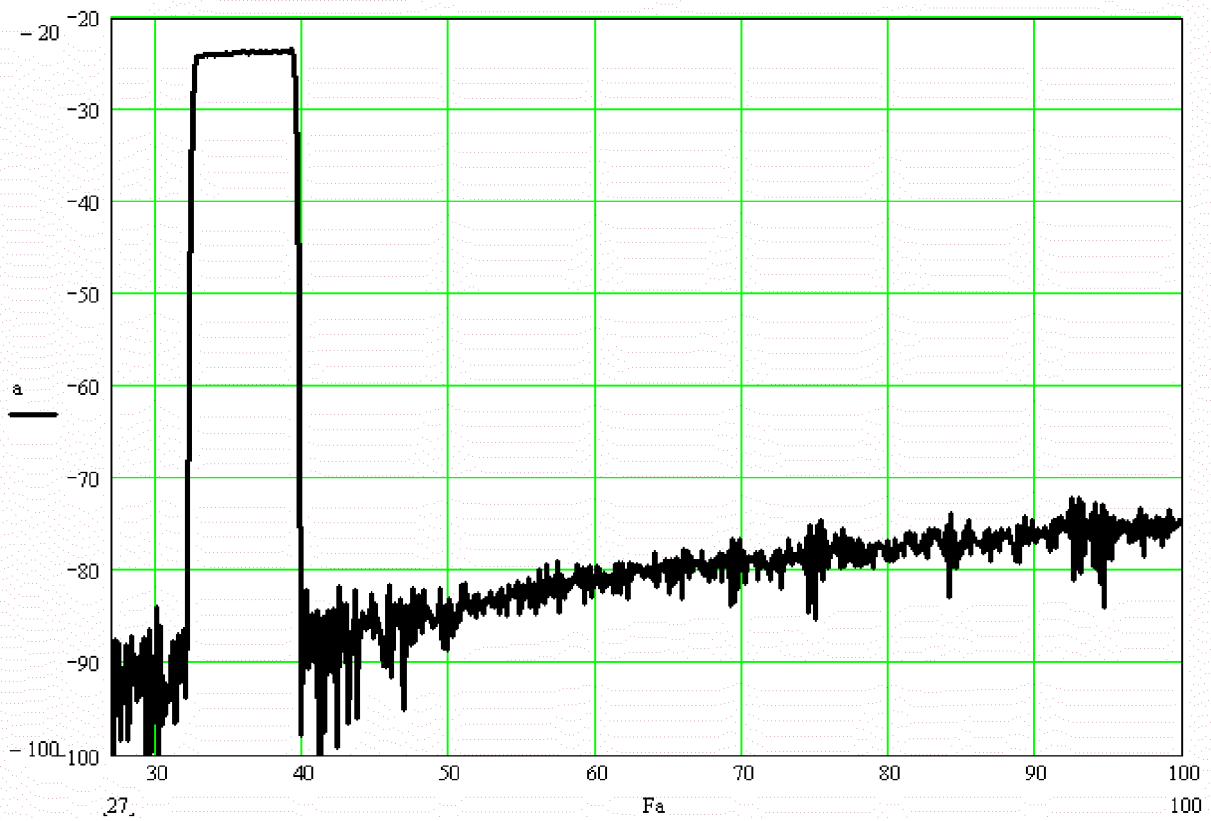
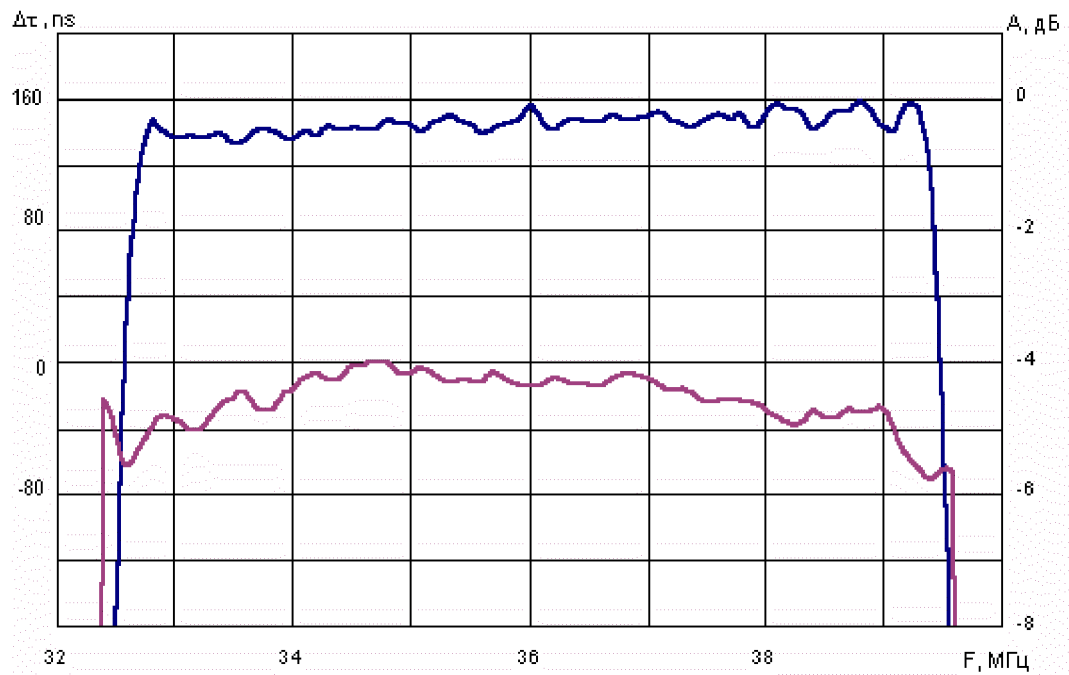
Frequency response

dB



MHz

Detail of frequency response



Manufacturer: "BUTIS" Ltd.
121357, Russia, Moscow, Vereyskaya , 29
Tel/fax (495) 411-96-08; 411-96-09
E-Mail: Butis.M@ru.net