



Wavelet Technologies Pvt. Ltd

# SAW Filter

## WT-ANABPF-1.1

### Features:

- 70 MHz Low loss filter PCB.
- Typical 3dB bandwidth of 400 KHz.
- High Attenuation.
- Single-ended operation.
- Ceramic Surface Mount Package (SMP-53)
- PCB Dimensions: 70 X 34 X 1.6 (mm).

### Ratings:

- Input Power Level: 10 dBm
- Storage Temperature: -40<sup>0</sup>C to +85<sup>0</sup> C
- Operating Temp: -40<sup>0</sup>C to +85<sup>0</sup> C

### Application:

- For IF applications.

### Product Description:

The WT-ANABPF-1.0 is a high performance IF SAW filter PCB with a SAW filter having center frequency of 70 MHz and a 3 dB bandwidth of 360-400 KHz.

It features low loss with high attenuation, and is designed to be used with a single ended input and output.



### Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center frequency	MHz		70	
Frequency Range	MHz	69.82	70	70.200
Insertion Loss	dB	10.54 (at 69.82 MHz)	7.3	9.022
2dB Bandwidth	KHz	180	360	
3dB Bandwidth	KHz	220	400	
30dB Bandwidth	KHz		780	820
Source Impedance	$\Omega$		50	
Load Impedance	$\Omega$		50	
Relative attenuation 10MHz~67.5MHz 72.5MHz~130MHz	dB		45 45	

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