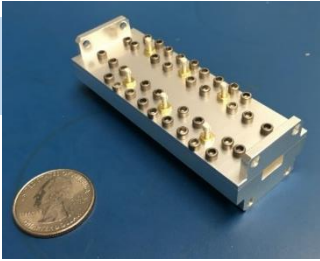


Part No:

# BSF-W-00017



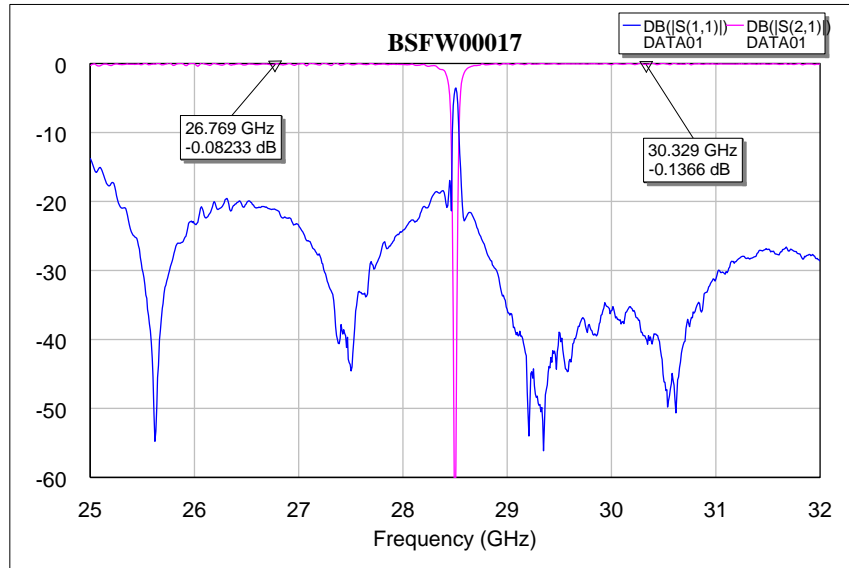
## Ka-Band Band-stop Filter • 28.5 GHz

BSF-W-00017 is a WR34 Ka-Band Band-stop Filter with a very narrow rejection band. It provides 60 dB rejection at 28.5 GHz and has very low pass-band insertion loss. The majority of the pass-band has >20dB return loss. The filter is made of silver plated invar so that the performance is stable over temperature variation. Input and output are WR34 UG1530.

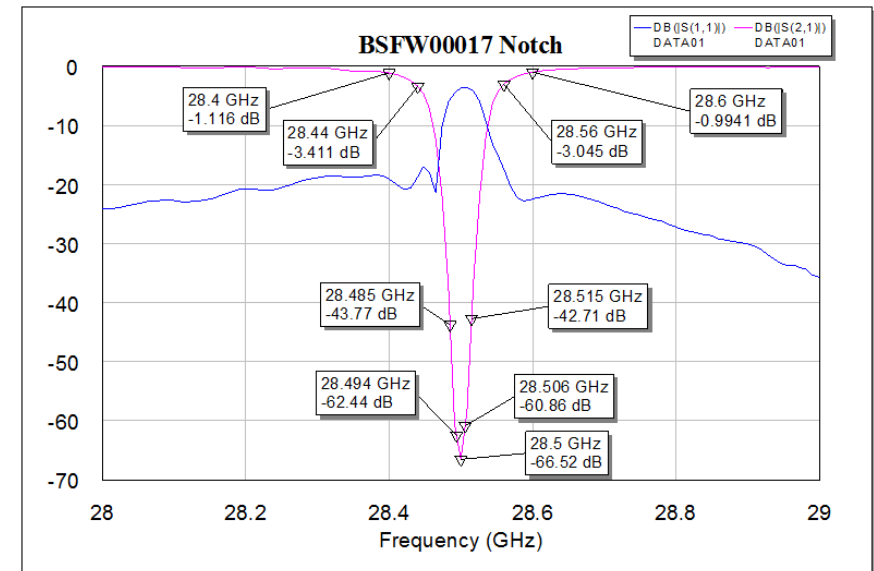
### Key Features

- Very narrow rejection bandwidth
- Low Pass-band Insertion loss
- Stable over temperature

### Typical Measured Data



Parameters	
Pass-Band Frequency	25-28.4 GHz & 28.6-32GHz
Insertion Loss	<0.2dB
3dB Frequency Points	28.44 & 28.56 GHz
Return Loss	>15dB, >20dB most of pass-band
Rejection @ 28.5GHz± 6 MHz	>60dB
Rejection @ 28.5GHz± 15 MHz	>40dB
Operating Temperature	-50°C to +85°C
Material	Silver Plated Invar
Weight	150 grams



# BSF-W-00017

