

### AT-BPF-1832:

## 18-32GHz Band-Pass Filter, 2.92mm



### Product Overview

AT Microwave offers high performance band coaxial band-pass filter from 300MHz-40GHz with bandwidth from 1.5% to 70%. Other frequency bands and rejection requirement can provide according to request.

Based on our excellent design work, precise machine tolerance and outstanding quality plating, we can provide band pass filter with low insertion loss, good return loss and high rejection at the same time.

More information, please visit [www.atmicrowave.com](http://www.atmicrowave.com)

### Advantages

- ✓ Low Insertion Loss
- ✓ Good Return Loss
- ✓ High Stop Band Suppression
- ✓ Sharp Roll-Off

### Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

### Key Features

Parameter	Min	Typical	Max
Passband Frequency		18-32GHz	
Center Frequency		25GHz	
Passband Insertion Loss		-1.0 dB	-3.5dB
Passband Return Loss	-10	-15 dB	
Low Rejection Frequency		15GHz: -40dBc	
High Rejection Frequency		36GHz: -40dBc	
RF Input/output Port		2.92mm Female	
Spec Temp		25C	



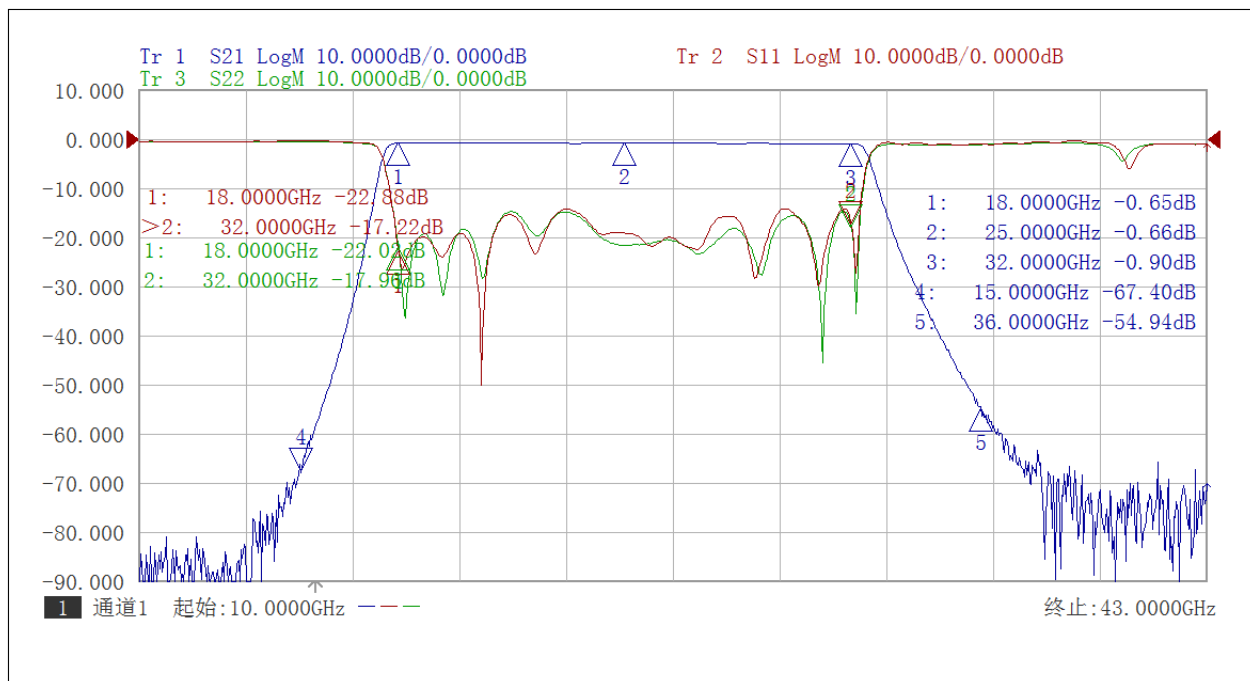
### Mechanical Information

Parameter	Value
RF1 Port	2.92mm Female
RF2 Port	2.92mm Female
Case Material	Brass
Plated	Silver
Weight	25g
Dimension	See outline

### Absolute Maximum Ratings Table

Parameter	Value
RF Power	+30dBm
Operating Temperature	-40 to +85C
Storage Temperature	-55 to +125C

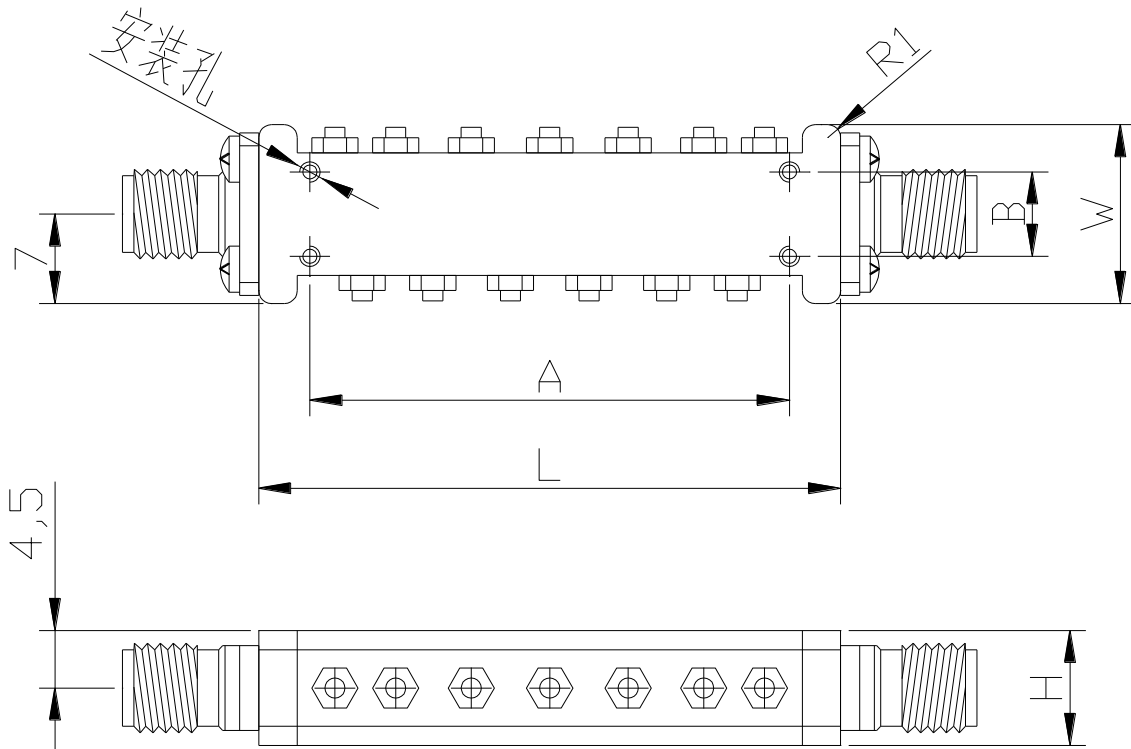
### Test Data (25C)



Insertion Loss and Return Loss vs Frequency



### Dimension: (mm)



L	W	H	A	B	
45.5mm	14mm	9mm	37.5mm	6.6mm	4*M1.6 Through

Tolerance: = +/-0.2mm

