

AT-BPF-3242-29: 32.5-41.5GHz Band-Pass Filter, 2.92mm



Product Overview

AT Microwave offers high performance band coaxial band-pass filter from low frequency to 67GHz. 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

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
Center Frequency		37GHz	
Passband Frequency		32.5-41.5GHz	
Insertion Loss		-1.5 dB	-3
Passband Return Loss	-5	-8 dB	
Low Rejection Frequency		25GHz: -60dB 28GHz: -40dB	
High Rejection Frequency		46GHz: -40dB 49GHz: -60 dB	
RF Input/output Port		2.92mm Female	
Spec Temp		25C	





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32.5-41.5GHz Band Pass Filter

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

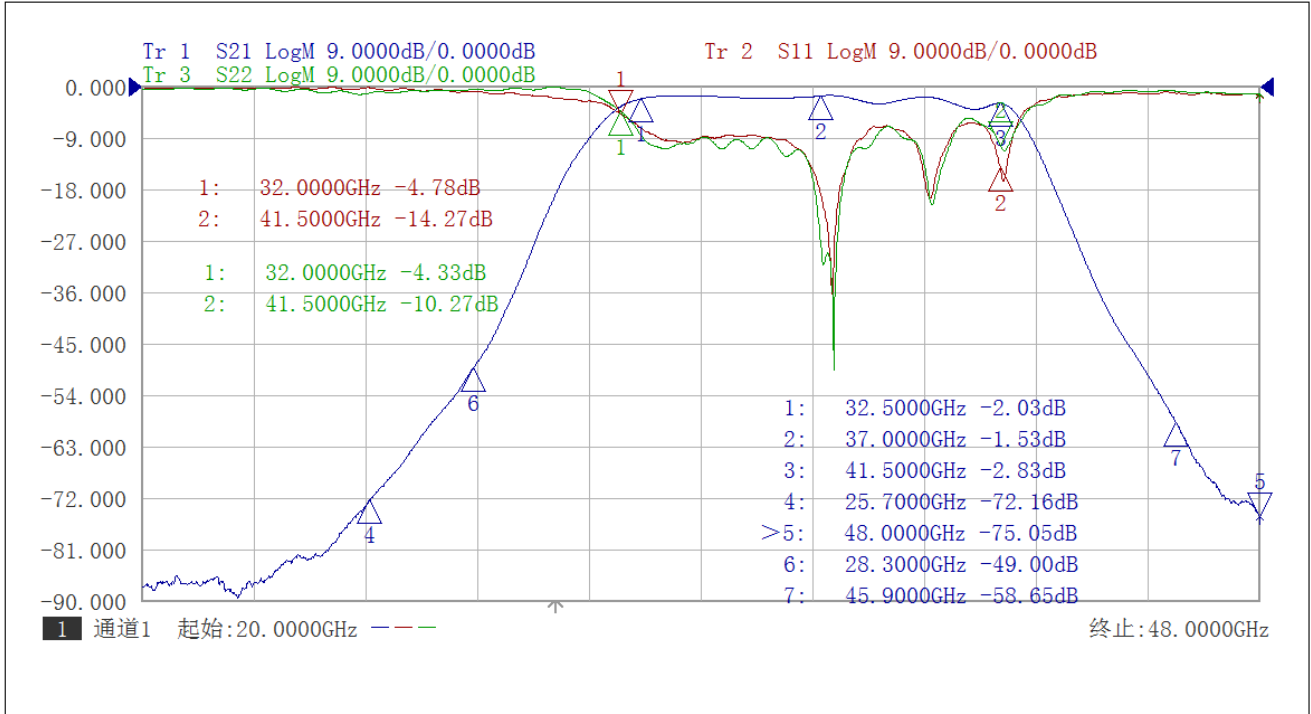
Parameter	Value
RF Power	+30dBm
Operating Temperature	-40 to +85C
Storage Temperature	-65 to +150C

Ordering Information:

Parameter	Value
AT-BPF-3242	2.92mm Female
AT-BPF-3242-24	2.4mm Female



Test Data:



Dimension: (mm)

