

AT-BPF-1018SQ: 10-18GHz Band-Pass Filter, SMA

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

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		10-18GHz	
Center Frequency		14GHz	
Insertion Loss		-1.0 dB	-3dB
Passband Return Loss	-10	-15 dB	
Low Rejection Frequency		7GHz: -40dBc	
High Rejection Frequency		21GHz: -40dBc	
RF Input/output Port		SMA Female	
Spec Temp		25C	





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10-18GHz Band Pass Filter

Mechanical Information

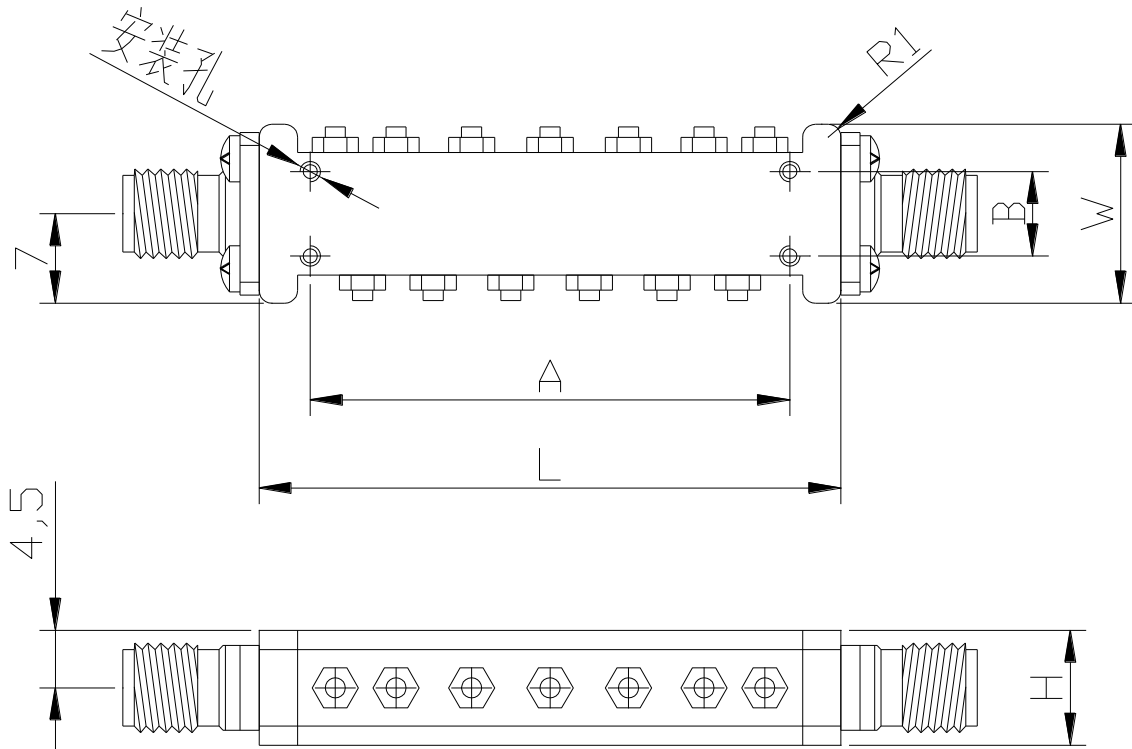
Parameter	Value
RF1 Port	SMA Female
RF2 Port	SMA Female
Case Material	Brass
Plated	Silver
Weight	25g
Dimension	See outline

Absolute Maximum Ratings Table

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



Dimension: (mm)



L	W	H	A	B	
48.2mm	15mm	11mm	39.2mm	8mm	4*M2.0

