



120GHz Band-Pass Filter, WR-08

# AT-BPF-120-08 119-121GHz Band-Pass Filter, WR-08



### **Advantages**

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

#### **Product Overview**

AT Microwave offers high performance band waveguide band-pass filter from 26.5-230GHz. 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

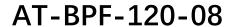
#### **Application**

- F band Imaging
- FOD (Foreigner Objects Debris)
- Test Equipment
- ROF (RF Over Fiber)
- Radar System

## **Key Features**

Parameter	Min	Typical	Max
Passband Frequency		119-121GHz	
Insertion Loss		-1.0 dB	-2.5
Passband Return Loss		-15 dB	
Low Rejection Frequency		DC-115GHz	
Low Band Rejection		40 dB	
High Rejection Frequency		125-140GHz	
Low Band Rejection		40 dB	
Spec Temp		25C	







120GHz Band-Pass Filter, WR-08

#### **Mechanical Information**

Item	Description	
Input Port	WR-08	
Output Port	WR-08	
Case Material	Brass	
Finish	Gold Plated	
Weight	35g	
Size:	See outline	

#### **Absolute Maximum Ratings Table**

Parameter	Value
Operating Temperature	-40 to +85C
Storage Temperature	-55 to +125C

#### **Notes:**

- 1. Datasheet may be changed according to update of MMIC, Raw materials, process, and so on.
- 2. This data is only for reference, not for guaranteed specifications.
- Please contact AT Microwave team to make sure you have the most current data.





# AT-BPF-120-08

120GHz Band-Pass Filter, WR-08

#### (mm) **Dimension:**

