



E Band Waveguide Band-Pass Filter, WR-12

AT-BPF-6671-12: 66-71GHz Band-Pass Filter, WR-12



Product Overview

AT Microwave offers high performance band waveguide bandpass filter from 26.5-170GHz. 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.

Advantages

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

info

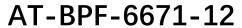
Application

- Automotive Radar Test
- FOD (Foreigner Objects Debris)
- Test Equipment
 - ROF (RF Over Fiber)
- Radar System

Key Features

Parameter	Min	Typical	Max
Passband Frequency		66-71GHz	
Insertion Loss		-1.0 dB	-2.0
Passband Return Loss	-10	-15 dB	
Low End Rejection: 50-62GHz		-40dBc	
High End Rejection: 76-90GHz		-40dBc	
Spec Temp		25C	







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Mechanical Information

Item	Description	
Input Port	WR-12	
Output Port	WR-12	
Case Material	Brass	
Finish	Gold Plated	
Weight	35g	
Size:	See outline	

Absolute Maximum Ratings Table

Parameter	Value	
Operating Temperature	-40 to +85C	
Storage Temperature	-65 to +150C	

