

### Full F-Band Fixed Attenuator 90-140GHz, 20dB, High Power 5W

#### Description:

AT Microwave provides high power fixed attenuators to 330GHz with popular attenuation value 6/10/20/30/40dB. Other attenuation values are available according to request.

These fixed attenuators work with full waveguide, and are with high attenuation accuracy and good return loss.

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



#### Feature

- ✓ Frequency: 90-140GHz
- ✓ Attenuation value: 20dB
- ✓ High Power Level
- ✓ Good Return Loss

#### Application

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

#### Electronical Specifications:

Parameter	Min	Typical	Max
Frequency		90-140GHz	
Attenuation Value		20dB	
Attenuation Flatness		+/-1.5dB	
Return Loss		-20dB	
Power Handling			5W CW
Spec Temp		25C	



### Mechanical Information

Item	Description
Input Port	WR-08 Waveguide with UG-387/U-M Flange
Output Port	WR-08 Waveguide with UG-387/U-M Flange
Case Material	Copper
Finish	Gold Plated
Weight	100g
Size:	See outline

### Absolute Maximum Ratings Table

Parameter	Value
RF Input Power	+37dBm
Operating Temperature	-40 to +85C
Storage Temperature	-55 to +100C

### Dimension (mm)

