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## High Precision Fixed Attenuator 70-110GHz, 10dB, 1.0mm Connector



### Product Overview

AT-FAT-XX-110TL are high precision fixed attenuators from 3 to 10dB, 20dB and 35dB. These attenuators are with good flatness and excellent return loss.

The RF1 and RF2 are 1.0mm Female and other connector is available according to request. Input and Output port can be changed according to test need.

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

### Advantages

- ✓ Frequency: 70-110GHz
- ✓ Attenuation: 3-10, 20, 35dB
- ✓ Excellent Return Loss
- ✓ Power Handling: +20dBm

### Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System
- ✓ Optical Application

### Key Features

Parameter	Min	Typical	Max
Frequency		70-110GHz	
Attenuation		10dB	
Attenuation Flatness		+/-1.0dB	
Return Loss	-8	-10dB	
Power Handling			+20dBm
Temp Spec		25C	





# AT-FAT-10-110TL

Fixed Attenuator, 1.0mm Connector

## Ordering

Part Number	Description
AT-FAT-XX-110TL (Default)	RF1/RF2 Female
AT-FAT-XX-110TL-MF	RF1: Male, RF2: Female
AT-FAT-XX-110TL-MM	RF1/RF2 Male

## Mechanical Information

Item	Description
RF1 Port	1.0mm Female
RF2 Port	1.0mm Female
Case Material	Copper
Finish	Gold Plated
Weight	16g
Size:	See outline

## Absolute Maximum Ratings Table

Parameter	Value
RF Power	+20 dBm
Operating Temperature	-40 to +70C
Storage Temperature	-65 to +150C

## 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.
3. Please contact AT Microwave team to make sure you have the most current data.

