

### X3 Passive Multiplier 30-50GHz, 2.4mm Male

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#### Description:

AT-PM2-3050T is a passive broadband MMIC based multiplier. It features excellent conversion loss, superior isolations and harmonics suppression across a broad bandwidth.

This multiplier offers extremely high suppression, small size, repeatability, scalable cost for high volume applications.

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

#### Feature

- ✓ Wideband coverage
- ✓ High Suppression
- ✓ Small Size
- ✓ Low Cost

#### Application

- ✓ 5G Systems
- ✓ Raday System
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Communication System

#### Electronical Specifications:

Parameter	Min	Typical	Max
Input Frequency		10-17GHz	
Input Power	+14dBm	+15dBm	+17dBm
Output Frequency		33-50GHz	
Conversion Loss		-18dB	-23
Pout (Pin= +15dBm)		-3dBm	
X1/x3 Suppression vs X2 Pout		-20dBc	
Spec Temp		25C	



### Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	2.4mm Male
Case Material	Copper
Finish	Gold Plated
Weight	16g
Size:	See outline

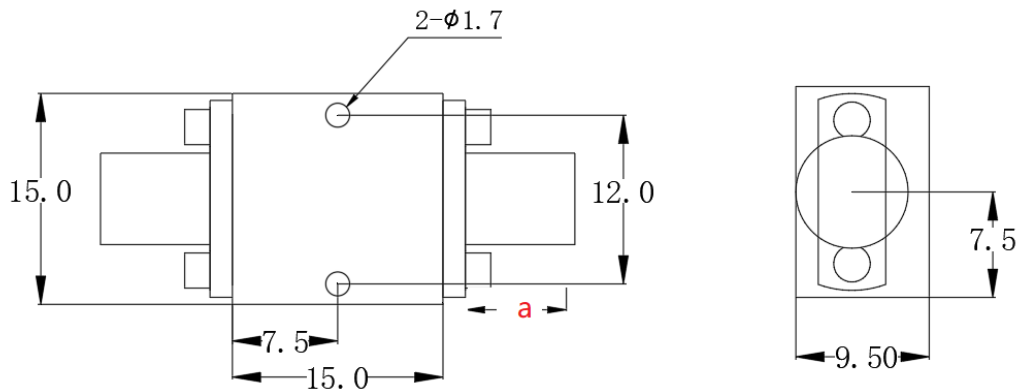
### Absolute Maximum Ratings Table

Parameter	Value
RF Power Handling	+20dBm
Operating Temperature	-40 to +85C
Storage Temperature	-65 to +150C

**NOTE:** AT Microwave reserves the right to change the specification without notice.

Contact with us for the latest datasheet and information.

### Dimension: (mm)



	<26.5GHz	<40GHz	<50GHz	<67GHz
Connector	SMA	2.92mm	2.4mm	1.85mm
Length of a	9.4mm	9.5mm	10.8mm	11.3mm

Note: Female Default. Contact with us for other types.

