



AT-BTAM16-210225-20

Bench-Top H Band X16 Frequency Extender

210-225GHz Active Multiplier X16, Pout=+20dBm, WR-04



Product Overview

AT-BTAM16-210225-20 is H band, active x16 frequency multiplier. The multiplier has an input frequency of 13.125-14.06GHz with a typical output +20dBm from 210-225GHz.

The input port is SMA female, and the output is a WR-04 waveguide with a standard UG/387-M flange.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Frequency: 210-225GHz
- ✓ Pout: +20dBm typical
- ✓ Input: 13.125-14.06GHz, +10dBm
- ✓ Bench-Top Labs Test

Application

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

Key Features

Parameter	Min	Typical	Max
Input Frequency	13.125GHz		14.06GHz
Input Power	+8dBm	+10dBm	+13
Multiplier Factor		X16	
Output Frequency	210GHz		225GHz
Output Power	+17dBm	+20dBm	
Input Return Loss		-10dB	
Output Return Loss		-10dB	
Power Supply	90V	110-220V	240V
Temp Spec		25C	





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Mechanical Information:

Parameter	Value
IF Input Port	SMA Female
RF Output Port	WR-04
Power Supply	90V TO 240V AC to DC Power Converter included
DC Bias Switch	ON-OFF switch with light indicator
Weight	3.5KG
Dimension	See outline

Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+90 to 260V
IF Input Power	+15dBm
Operating Temperature	0 to +50C
Storage Temperature	-65 to +225C

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.





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Dimension: (mm)

