

AH14144A

9.5 - 11.5GHz x4 Frequency Multiplier

Features

- Output power: +3dBm
- Harmonics spurious: 34dBc
- Non-harmonics spurious: 60dBc
- Single supply: +12V (125mA)

Applications

- R&D of optical communications
- Microwave measurement



Absolute Maximum Ratings

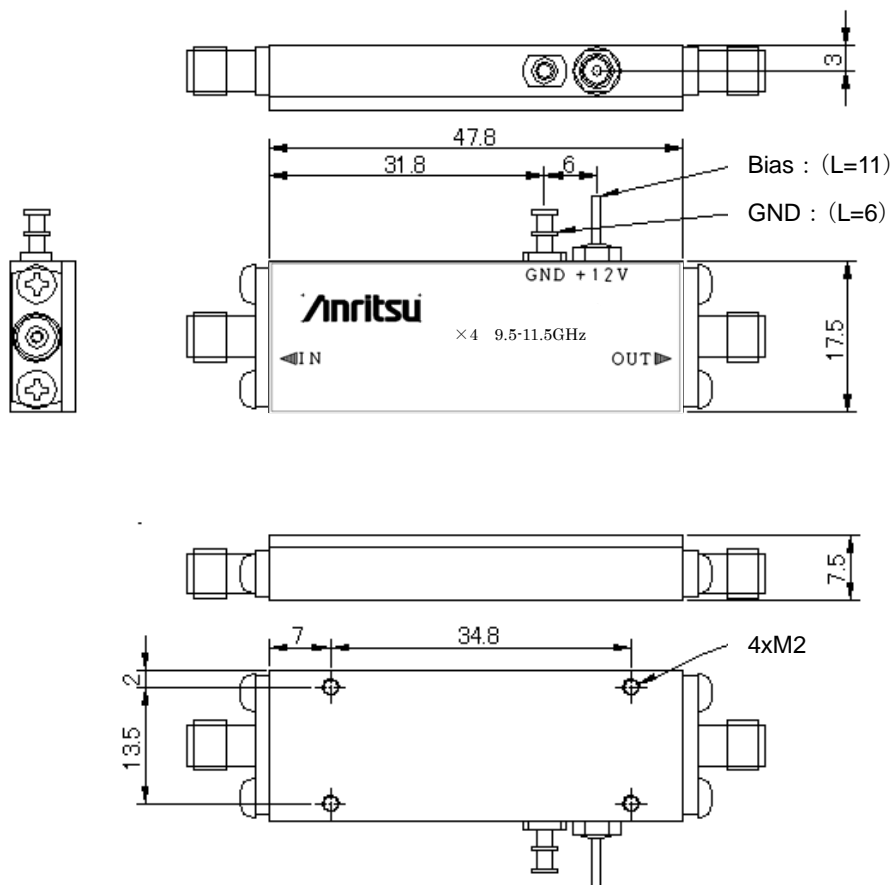
Items	Ratings
Bias voltage	+13V dc
Operating temperature	0°C - 60°C
Storage temperature	-30°C - 75°C

Specifications

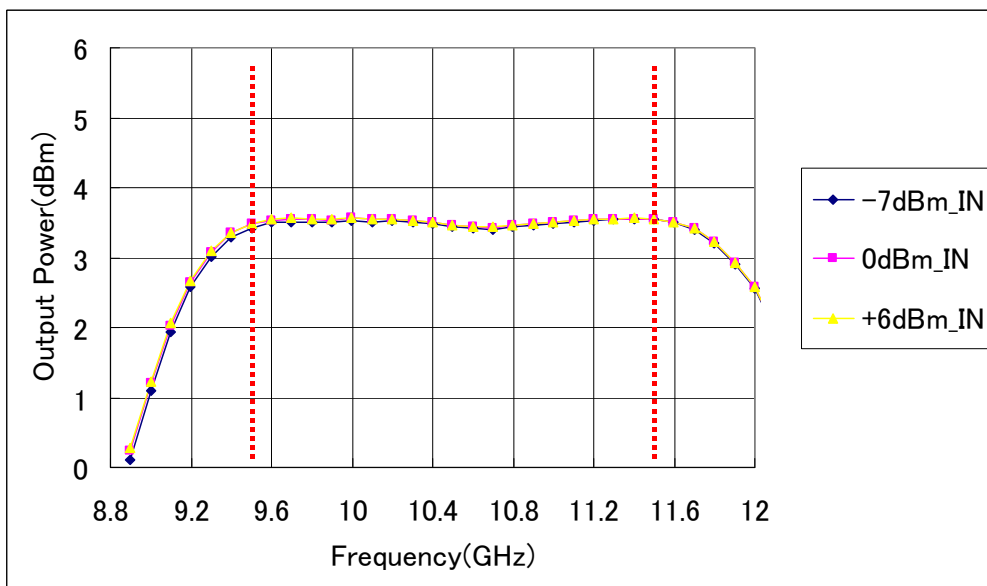
Ta=25°C, Vcc=+12V, Zin=50 ohms, Zout=50 ohms

Items	Units	Specifications		
		min.	typ.	max.
Input frequency range	GHz	2.375		2.875
Output frequency range	GHz	9.5		11.5
Input power	dBm	-7		+6
Output power	dBm	+2		+4
Power flatness	dB		0.5	
Harmonics Spurious	dBc	34		
Non-harmonics spurious	dBc	60		
Input VSWR	-		1.4	1.8
Output VSWR	-		2.0	
Supply current	mA		125	
Connectors	-		SMA	

Dimensions



Electrical Characteristics



Please consult Anritsu Corporation If the products are used in the high reliability system. Specifications are subject to change without notice.