

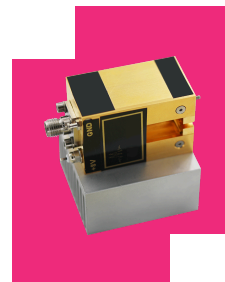
ASA-12F00WG

General Description

WR-12, 6x Multiplier E-Band are built with high quality materials and utilize a combination of the latest Schottky Diode and MMIC technology. An internal Bias/Regulator circuit included for single voltage supply.

Features

- Greater than 12 dBm output power
- Low input drive power
- Removable Heatsink can be provided
- Side and Bottom mounting holes
- Compact and lightweight
- UG-387/U Flange



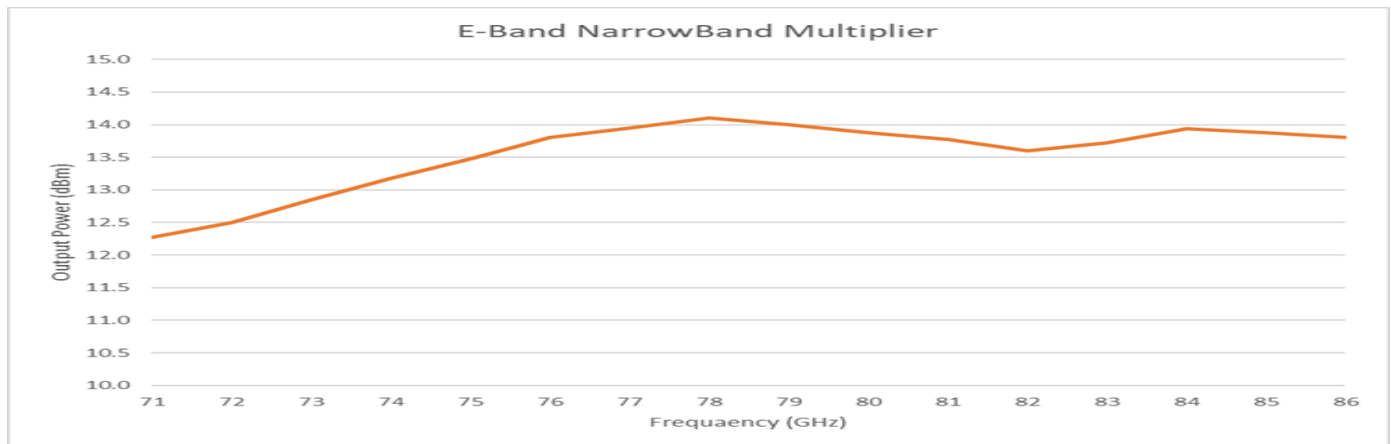
Electrical Performance

Parameter	Typ	Min	Max	Unit
Frequency Range	-	71	86	GHz
Input Frequency Range	-	11.83	14.33	GHz
Output Frequency Range	-	71	86	GHz
Output Power	-	12	86	dBm
Spurious Suppression, All Harmonics	20	-	-	dBc

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ASA-12F00WG	WR-12, 6x Multiplier	WR-12	REACH RoHS	Released	3A001.b.7.c.2

Typical Performance



Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Typ	Min	Max	Unit
Frequency Range	-	71	86	-	-	-	GHz
Input Frequency Range	-	-	-	-	11.83	14.33	GHz
Input Power	-	11.83	14.33	3	0	10	dBm
Output Frequency Range	-	-	-	-	71	86	GHz
Output Power	-	71	86	-	12	-	dBm
Spurious Suppression, All Harmonics	-	-	-	20	-	-	dBc

Specifications

Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
Positive Bias Current	500	mA
Positive Bias Voltage	8	V

Revision History

Revision Code	Revision Date	Comment
-	2024-05-01	Initial Release

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