

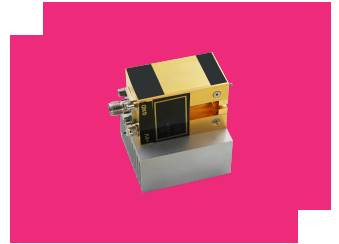
ASA-10F00WG

WR-10, 6x Multiplier

DEVICE OVERVIEW

General Description

WR-10, W-Band Multipliers 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 10 dBm output power
- Low input drive power
- Removable Heatsink can be provided
- Side and Bottom mounting holes
- Compact and lightweight
- UG-387/U Flange

Applications

- 5G
- Communication Systems
- Frequency Extenders

Functional Block Diagram

N/A

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ASA-10F00WG	WR-10, 6x Multiplier	WR-10	REACH RoHS	Released	3A001.b.7.c.3

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Revision History

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

Specifications

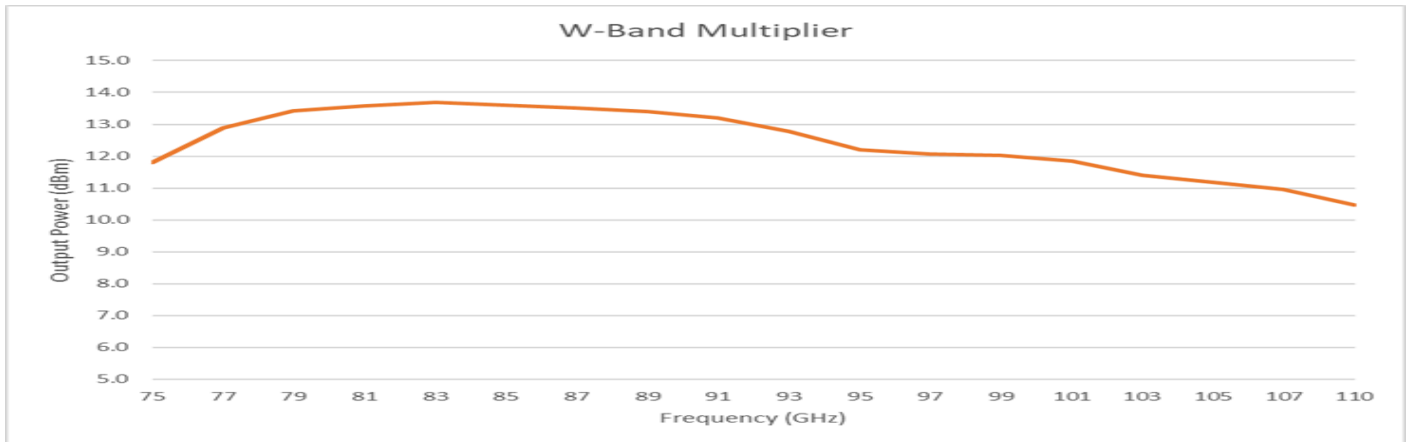
Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
Positive Bias Current	600	mA
Positive Bias Voltage	8	V

Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Input Frequency Range	-	-	-	12.5	-	18.3	GHz
Input Power	-	12.5	18.3	0	3	10	dBm
Output Frequency Range	-	-	-	75	-	110	GHz
Output Power	-	75	110	10	-	-	dBm
Suppression, 1F	-	-	-	-	20	-	dBc

Typical Performance



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