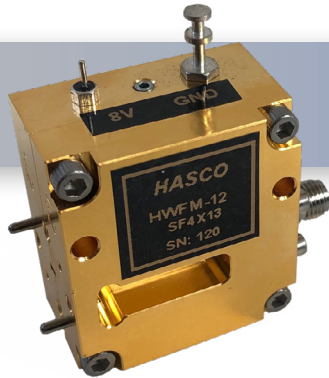


Part No:

HWFM12-SF4X13



Full Band Active Multiplier, WR-12, E-Band, 60 to 90 GHz

Electrical

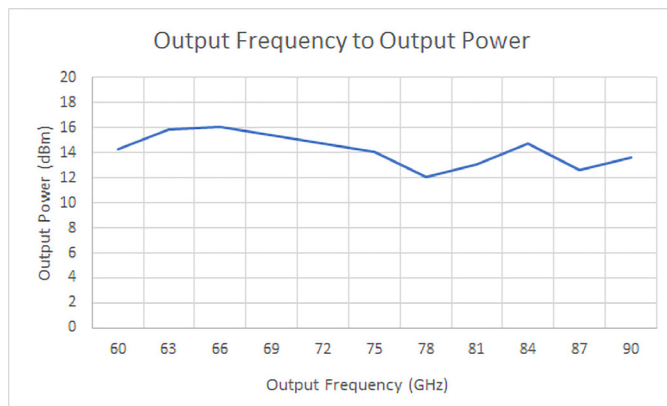
- Output Frequency 60 ~ 90 GHz
- Input Frequency 15 to 22 GHz
- Input Power 6 to 10 dBm
- Multiplication Factor X4
- Output Power 12 dBm min, 14 dBm typ.
- DC +8V @ 500 mA typ
- Signal Purity -20 dBc typ

Material

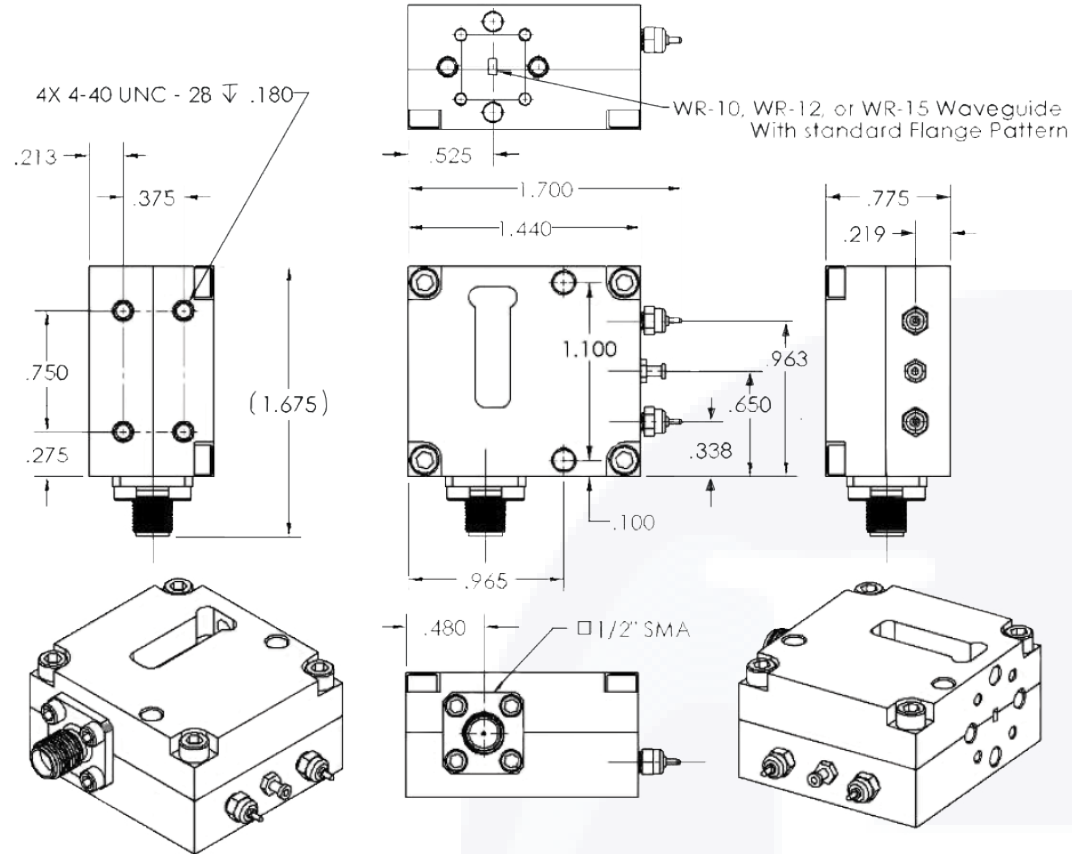
- Waveguide Gold Plated Aluminum
- Waveguide Flange WR-12, UG-387/U
- SMA Connector Housing Passivated Stainless Steel
- SMA Connector Center Contact Gold Plated BeCu

The HWFM12-SF4X13 is a high performance full band active multiplier at an excellent value. This multiplier operates using a single positive voltage from 7-12VDC. Internal reverse bias protection ensures reliability.

The HWFM12-SF4X13 is a Full Band WR-12 Active Multiplier. This Multiplier can be used as a E-Band Frequency Extender. It operates in frequency from 60 to 90 GHz with an Output Power of +12 dBm min. Multipliers are useful in test labs or in a system. The Output Power is adequate to drive Balance Mixers in Up-Converters and Down-Converters for Transmitters and Receivers. Fin: 15 to 22 GHz, Fout: 60 to 90 GHz.



Full Band Active Multiplier, WR-12, E-Band | 60 ~ 90 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: <i>JMS</i>	CHECKED BY: <i>TAC</i>
-	RELEASE	05/20	TAC	APPROVED BY: <i>TAC</i>	
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.	
THIS DRAWING IS A CONTROLLED DOCUMENT					



5214 Bonsai Street • Moorpark, CA 93021
(888) 498-3242 • sales@hasco-inc.com
www.hasco-inc.com

MATERIALS:
SEE DATA SHEET

CAGE CODE:
0T8L4

SCALE:
N/A

SIZE:
A

FINISHES:
SEE DATA SHEET

PART NO./DRAWING NO.

HWFM12-SF4X13

REV:
-