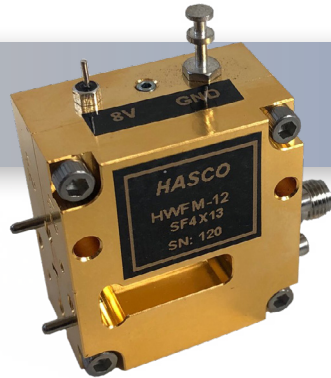


Part No:

HWFM15-SF4X13



Full Band Active Multiplier, WR-15, V-Band, 50 to 75 GHz

Electrical

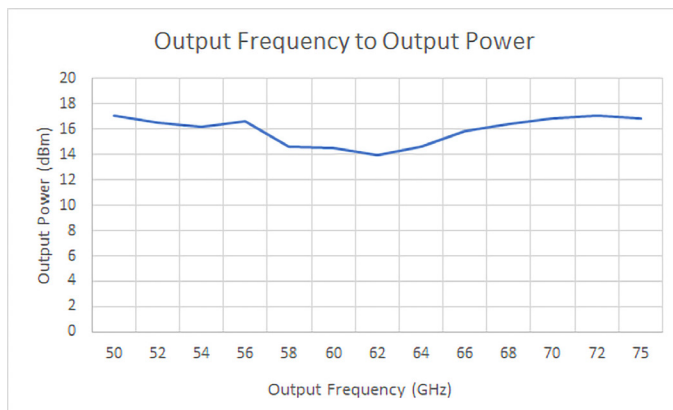
- Output Frequency 50 ~ 75 GHz
- Input Frequency 12.5 to 18.75 GHz
- Input Power 6 to 15 dBm
- Multiplication Factor X4
- Output Power 13 dBm min, 15 dBm typ.
- DC +8V @ 600 mA typ
- Signal Purity -20 dBc typ

Material

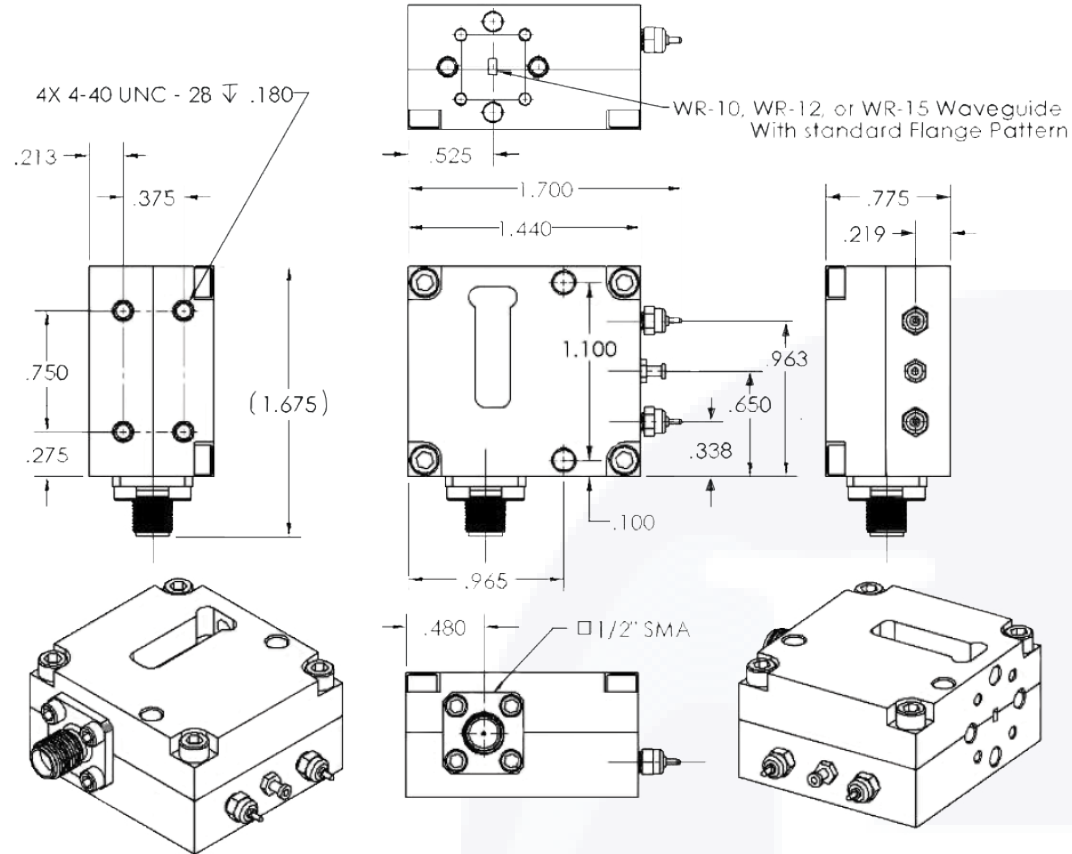
- Waveguide Gold Plated Aluminum
- Waveguide Flange WR-15, UG-385/U
- SMA Connector Housing Passivated Stainless Steel
- SMA Connector Center Contact Gold Plated BeCu

The HWFM15-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 HWFM15-SF4X13 is a Full Band WR-15 Active Multiplier. This Multiplier can be used as a V-Band Frequency Extender. It operates in frequency from 50 to 75 GHz with an Output Power of +13 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: 12.5 to 18.75 GHz, Fout: 50 to 75 GHz.



Full Band Active Multiplier, WR-15, V-Band | 50 ~ 75 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. HWFM15-SF4X13 | | REV: - |