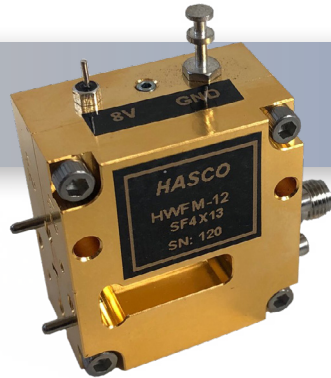


Part No:

HWFM10-SF6X10



Full Band Active Multiplier, WR-10, W-Band, 75 to 110 GHz

Electrical

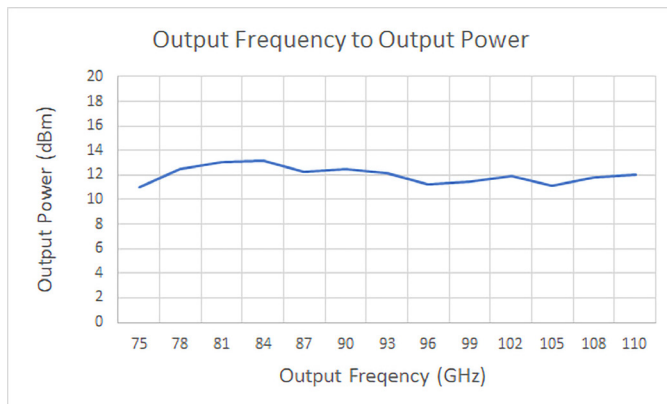
- Output Frequency 75 ~ 110 GHz
- Input Frequency 12.5 to 18.33 GHz
- Input Power +6 to +15 dBm
- Multiplication Factor X6
- Output Power 10 dBm min, 12 dBm typ.
- DC +8V @ 600 mA typ
- Signal Purity -20 dBc typ

Material

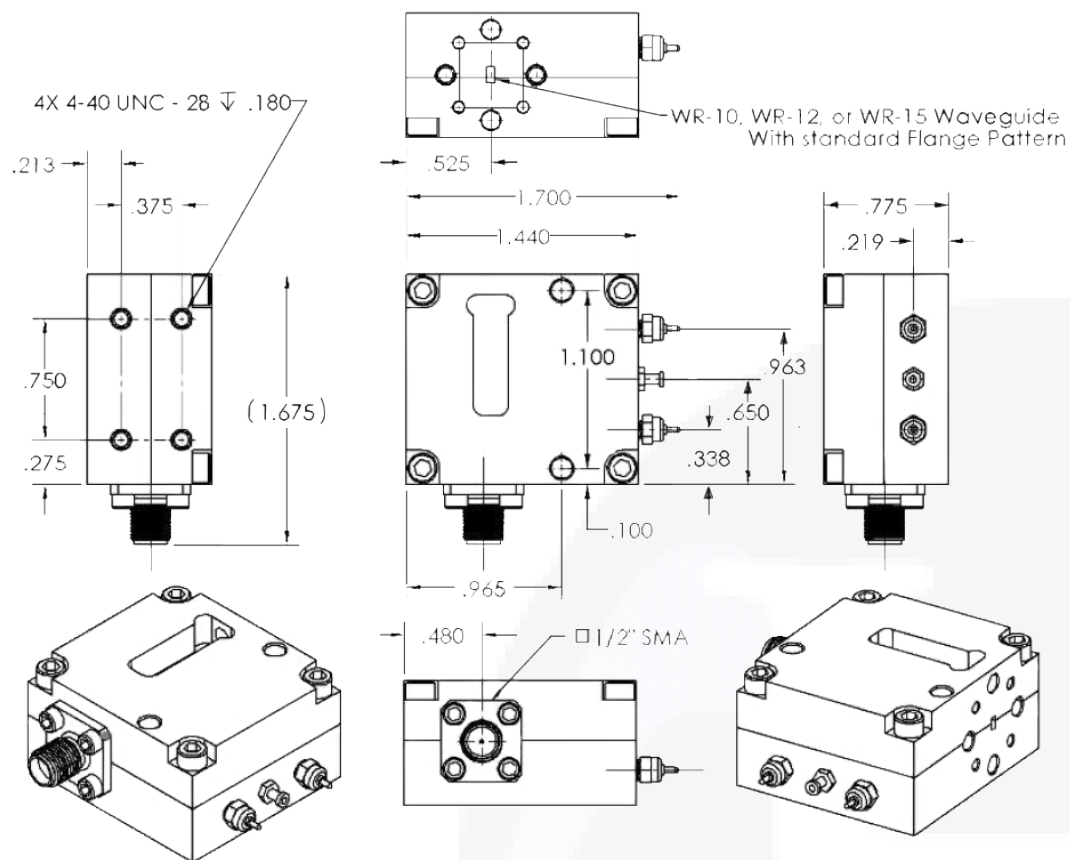
- Waveguide Gold Plated Aluminum
- Waveguide Flange WR-10, UG-387/U-M
- SMA Connector Housing Passivated Stainless Steel
- SMA Connector Center Contact Gold Plated BeCu

The HWFM10-SF6X10 is a high performance active multiplier at an excellent value. This multiplier operates using a single positive voltage from 7-12VDC. Internal reverse bias protection ensures reliability.

The HWFM10-SF6X10 is a Full Band WR-10 Active Multiplier. This Multiplier can be used as a W-Band Frequency Extender. It operates in frequency from 75 to 110 GHz with an Output Power of +10 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 18.33 GHz, Fout: 75 to 110 GHz.



Full Band Active Multiplier, WR-10, W-Band | 75 ~ 110 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>	
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MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HWFM10-SF6X10		REV: -