

## WR-06 x3 Passive Multiplier

### 110 – 170 GHz

### HMM3D-023

#### APPLICATIONS, FEATURES & BENEFITS



- Frequency Multiplication
- MMW Instrumentation
- Signal Source Frequency Extension
- Test and Measurement
  
- High Efficiency
- Fixed Tuned
- Full Band Frequency Coverage
- Unbiased Planar Diodes

A high efficiency x3 passive multiplier covering the WR-06 band (110 – 170 GHz).

#### TECHNICAL SPECIFICATIONS

DESCRIPTION	Passive Multiplier
OUTPUT FREQUENCY	110 - 170 GHz
WAVEGUIDE DESIGNATION	WR-06
MULTIPLICATION FACTOR	3
INPUT POWER RANGE	5 – 13 dBm
OUTPUT POWER RANGE	-6 dBm typical
EFFICIENCY	3% typical
INPUT FLANGE	WR-19 UG383/U-M
OUTPUT FLANGE	WR-06 UG387/U-M
BIAS REQUIRED	None