

WR-10 x3 Passive Multiplier

75 – 110 GHz

HMM3W-027



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-10 band (75 - 110 GHz).

TECHNICAL SPECIFICATIONS

DESCRIPTION	Passive Multiplier
OUTPUT FREQUENCY	75 - 110 GHz
WAVEGUIDE DESIGNATION	WR-10
MULTIPLICATION FACTOR	3
INPUT POWER RANGE	23 dBm
OUTPUT POWER RANGE	7 dBm typical
EFFICIENCY	3% typical
INPUT FLANGE	WR-28 UG599/U
OUTPUT FLANGE	WR-10 UG387/U-M
BIAS REQUIRED	None

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