

WR-05 x3 Passive Multiplier

140 – 220 GHz

HMM3G-024

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-05 band (140 – 220 GHz).

TECHNICAL SPECIFICATIONS

DESCRIPTION	Passive Multiplier
OUTPUT FREQUENCY	140 - 220 GHz
WAVEGUIDE DESIGNATION	WR-05
MULTIPLICATION FACTOR	3
INPUT POWER RANGE	5 – 13 dBm
OUTPUT POWER RANGE	-6 dBm typical
EFFICIENCY	3% typical
INPUT FLANGE	WR-15 UG385/U
OUTPUT FLANGE	WR-05 UG387/U-M
BIAS REQUIRED	None

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