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QMC-MX2-12N21HS

71 to 86 GHz
E-Band Active Multiplier

QMC-MX2-12N21HS is a high performance X2 Active Multiplier.

This Multiplier is designed for Excellent Signal Purity

This Multiplier operates using a single positive voltage of +8 to 12VDC
Internal reverse bias protection ensures reliability

Input Freq: 35.5 to 43 GHz
Input Power: +5 to 10 dBm typ
Multiplication: X2
Output Freq: 71 to 86 GHz
Pout: +20 dBm min, 22 dBm typ
Signal Purity: -50 dBc typical
DC: +8 to 12V @ 670 mA typical
In: 2.92 mm Female
Output: WR-12, UG-387/U



Freq In (GHz)	Freq Out(GHz)	Pout
35.5	71	22.1
36.5	73	22.5
37.5	75	22.5
38.5	77	22.9
39.5	79	22.9
40.5	81	21.6
41.5	83	20.9
42.5	85	20.6
43	86	20.3

Note:

1. Supplied attached to an easily removable Heat Sink.
2. The Attenuator can be built internally
3. This can also be built in a single Multiplier body if preferred.