

Jersey Microwave

Frequency Multipliers

Features

- ✓ High Reliability
- ✓ Low Cost
- ✓ Single Voltage operates from +12VDC
- ✓ Custom designed for specific requirements



Electrical Specifications

Parameter	Value	Value
Input Frequency (MHz)	70.0 ± 0.25	142.8 ± 0.2
Output Frequency (MHz)	4464 – 4496	2853.6 – 2858.4
Multiplication Factor	x64	x20
Input Power	0 dBm +/- 1 dB	+5 - 10dBm
Output Power	+30 dBm Min.	+21 dBm Min.
Output Flatness	±0.5 dB Max.	±0.3 dB Max.
Output Power Variation Over Temperature	±1.0 dB Max.	
Input VSWR (or Return Loss)	1.25:1	12 dB Min.
Output VSWR (or Return Loss)	1.25:1	12 dB Min.
Output Spurious	-60 dBc Max.	
Output Harmonics	-60 dBc Max.	
Operating Temperature	0°C to +50°C	
DC Current @ +12Vdc	1200 mA Max.	600 mA Max.
Dimensions (inches)	4.00 x 6.00 x 1.00	4.00 x 2.00 x 0.97

Note: Specifications are subject to change without notice