

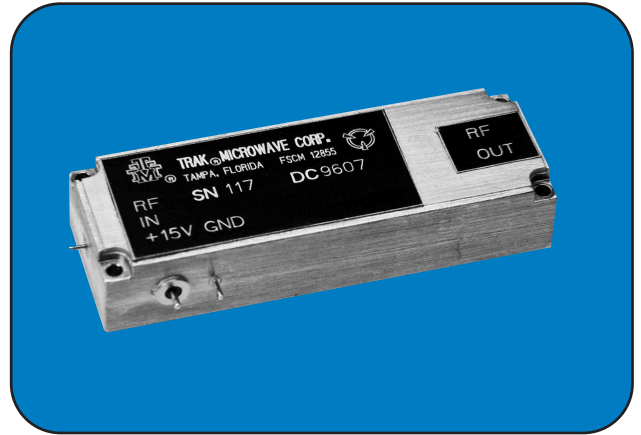
Multipliers

X 11 Frequency Multiplier, 10.56 GHz Model: MUL058



Features:

- Small Size: < 0.6 cubic inches
- Low Residual Noise Floor: - 140 dBc/Hz
- Low Spurious: > 90 dBc
- Wide Operating Temperature: - 40 to + 85 °C



Electrical Specifications

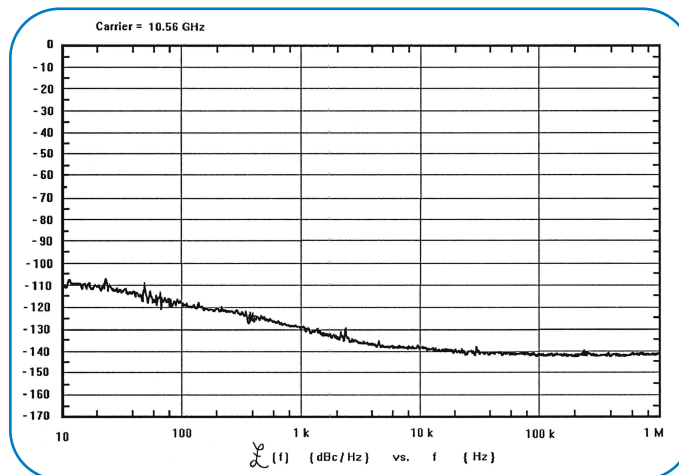
	RF Input	Output
Operating Freq.:	960 MHz	10.56 GHz
Power Level:	+ 10 dBm ± 1 dB	+ 7 dBm ± 3 dB
VSWR:	1.5:1, typical	1.5:1, maximum
Spurious:		- 90 dBc, typical
Harmonics:		- 70 dBc, maximum
SSB Phase Noise:	21 dB, typical, enhancement to input levels; 20 log (11) + 3 dB	
Residual Noise Floor:	- 140 dBc/Hz, typ. @ 10.56 GHz	
DC Power:	+ 15 ± 0.5 V @ 70 mA, nominal	
Power Consumption:	1.1 W, nominal	

Environmental Specifications

Operating Temperature: - 40 to + 85 °C, baseplate
 Operating Vibration: 7.8 g_{rms} (5 to 2000 Hz)
 Environment: Airborne and Ground

Mechanical Specifications

Size: 2.1 x 0.7 x 0.4 inches
 53 x 18 x 10 mm
 Weight: 0.9 oz (26 g), maximum
 RF/DC Connectors: Feedthrough pins



Specifications subject to change without notice.