

Multipliers

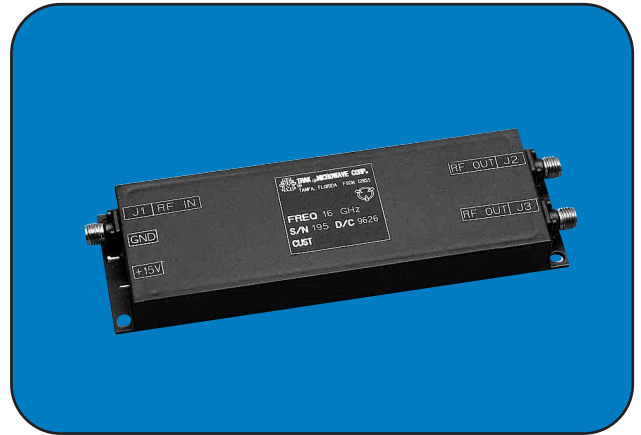
X 80 Multiplier, 16 GHz

Model: MUL062



Features:

- Low DC Power: < 3 watts
- Dual Outputs @ + 12 dBm
- Wide Operating Temperature: - 54 to + 85 °C
- Rugged Construction



Electrical Specifications

	RF Input	Dual Outputs
Operating Freq.:	200 MHz	16 GHz
Power Level:	+ 2 dBm ± 2 dB	+ 12 dBm ± 2 dB
VSWR (max):	1.5:1	1.5:1
Spurious:	--	> 60 dBc, typical
Harmonics:	--	- 10 dBc, maximum
SSB Phase Noise:	41 dB maximum enhancement of input noise levels; 20 log (80) + 3 dB	
Noise Floor:	- 148 dBc/Hz @ offsets 70 MHz	
DC Power:	+ 15 ± 0.5 V @ 200 mA, nominal	
Power Consumption:	3 watts, nominal	

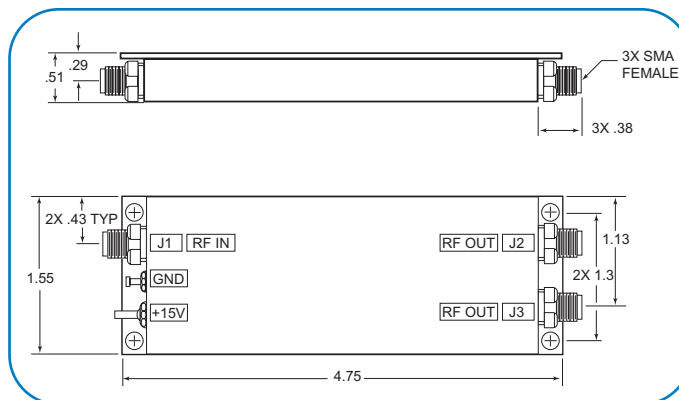
Note 1: The dual outputs have a signal amplitude balance of ± 0.5 dB.

Environmental Specifications

Operating Temperature:	- 55 to + 85 °C, baseplate
Moisture Resistance:	Meets MIL-STD-202, Method 112 and MIL-STD-202, Method 104
Operating Vibration:	Meets MIL-STD-202, Method 204
Environment:	Airborne and Ground

Mechanical Specifications

Size (excluding connectors):	4.75 x 1.55 x 0.51 inches 121 x 39 x 13 mm
Weight:	4.5 oz (128 g), nominal
RF Connectors:	SMA (F)



Specifications subject to change without notice.