



Blue Tops RF Modules > Mixers > Low Noise Mixer LNMX

Features:

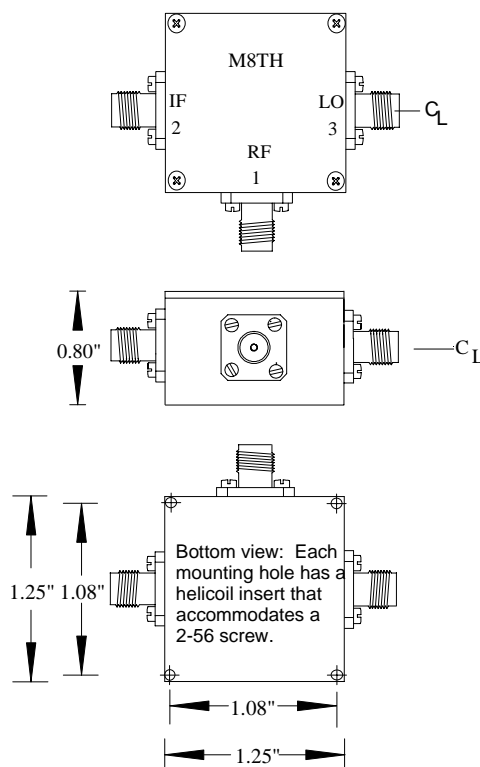
- Low Phase Noise
- Commercial Mixers
- Integral Attenuators for Flexibility

Applications:

- Low Phase Noise Mixing
- Connectorized System Integration

The LNMX mixer consists of a commercial TO-8 or surface-mount mixer and selected attenuators on each port. The standard mixer is the M8TH mixer from M/A Com. Other mixers are available upon request. The integral pads make it easy to adjust the mixer levels for optimum performance without additional costly attenuators. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable. The system designer will appreciate the ability to change mixer types without changing signal levels or redesigning the physical layout to accommodate a new package style.

Typical Specs:	
	(M8TH)
Frequency Range	
RF	1-3400
LO	1-3400
IF	1-2000
LO Power Nominal	23 dBm
Conversion Loss	8.0 dB
Isolation	
L-R	35 dB
L-I	35 dB
FR level at 1 dB	
Compression	17 dBm
Input Intercept Point	29 dBm
Mechanical	1.25 x 1.25 x 0.8"
Connectors	Female SMA
Packaging	Nickel-plated machined alum.
Custom Options (Connectors)	N, TNC, BNC



Ordering Information: LNMX P1 P2 P3

Low Noise Mixer
Attenuator RF
Attenuator LO
Attenuator IF