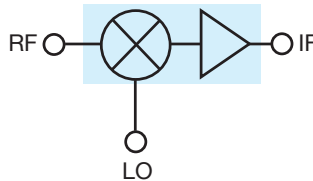


NEW
ULTRA-REL[®]
High Gain **MIXERS**



1.0-4.2 GHz Conversion Gain 12 dB

\$895
ea. (qty.10)

Mini-Circuits has married rugged LTCC construction with advanced semiconductor manufacturing technology to create our new, ultra-reliable MRA high gain mixer family! The more we test them, the better they look—delivering excellent performance, from -55 to +125°C, in the harshest, most demanding environments.

MIL Standard Qualifications

<i>(see website for complete list and details)</i>	
<i>Gross and Fine Leak</i>	<i>HTOL (1000 hours /+125°C)</i>
<i>Mechanical Shock</i>	<i>Thermal Shock</i>
<i>Vibration</i>	<i>Multiple Reflow</i>
<i>Acceleration</i>	<i>Bend Test (and more)</i>

Consistent, robust wideband performance and a tiny 0.3 x 0.25" footprint make them ideal for instrumentation and military applications, and their **remarkably low prices** are a perfect fit anywhere long-term reliability adds bottom-line value. So why wait? Go to minicircuits.com today and see what MRA high gain mixers can do for your application!

Electrical Specifications (-55 to +125°C)

Model	LO Level (dBm)	RF/LO Freq. (GHz)	IF Freq. (MHz)	Conv. Gain (dB typ)	Price \$ ea. (qty. 10)
MRA-42+	7	1.0-4.2	10-800	12	8.95
MRA-42LH+	10	1.0-4.2	10-800	12	8.95
MRA-42MH+	13	1.0-4.2	10-800	12	8.95

LO/RF isolation 35 dB LO/IF isolation 20 dB RoHS compliant



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