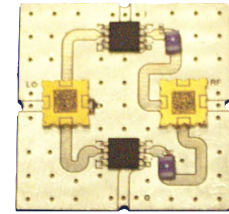


MULTI-MIX PICO™ COMPONENTS MOUNTED ON MERRIMAC BOARD

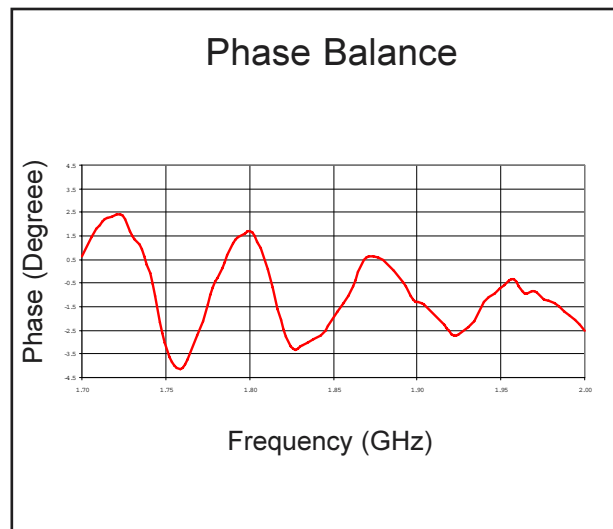
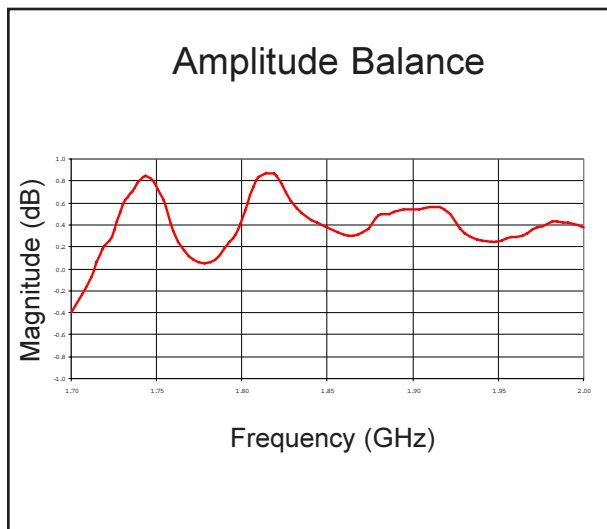
- PRE-MOUNTED AND PRE-TESTED
- 1.7 - 2.0 GHz
- 0.65 dB AMPLITUDE BALANCE
- 90 ± 3.5 DEGREE PHASE BALANCE
- LOW LOSS
- SURFACE MOUNT AND CONNECTORIZED



GENERAL SPECIFICATIONS

LO power : +16dBm +/- 1dB	
Parameter	Specification
Frequency Range, RF & LO	1.7 – 2.0 GHz
I, Q Bandwidth	DC – 300 MHz
LO, RF, I, Q Impedance	50 ohms
Conversion Loss	-14.5 dB
Input 1dB Compression Point	+13 dBm
IIP3	+21dBm
IF, RF, LO VSWR	2.0 : 1
Isolation RF to I, Q	14 dB
Isolation LO to I, Q	30 dB
Isolation LO to RF	40 dB
Amplitude Balance	+/- 0.65 dB
Phase Balance	+/- 3.5
Size / Outline	0.80 x 0.80 inches
RF Interface	Surface Mount / removable SMA
Operating Temperature Range	-55 to 85, C

SIMULATED PERFORMANCE CHARTS



THE MULTI-MIX MICROTECHNOLOGY® GROUP IS ISO-9001 REGISTERED



U.S. patent 6,099,677 and other patents pending