

FEATURES :

- **Wide Bandwidth**
- **Low Conversion Loss**
- **High Image Rejection**

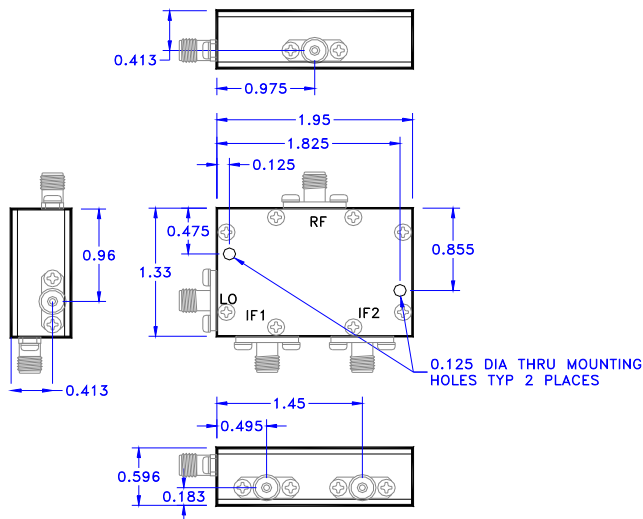
SPECIFICATIONS

RF Frequency Range, [MHz]	290-650
LO Frequency Range, [MHz]	440-500
IF Frequency Range, [MHz]	20-150
Conversion Loss, max [dB]	7.5
Image Rejection, min [dB]	30
VSWR RF port, max	1.5 : 1
LO port, max	1.5 : 1
IF Port, max	1.3 : 1
Isolation LO - RF, min [dB]	40
LO - IF, min [dB]	35
RF - IF, min [dB]	30
LO Power typ. [dBm]	12±1
Input 1dB C.P. min [dBm]	+7
Input IP ³ min [dBm]	+16
Operating Characteristics	
Maximum RF Input Power, [dBm]	20
Maximum LO Power, [dBm]	23
Impedance, [Ohm]	50
Operating Temperature	-20°C to +70°C

Ordering Information

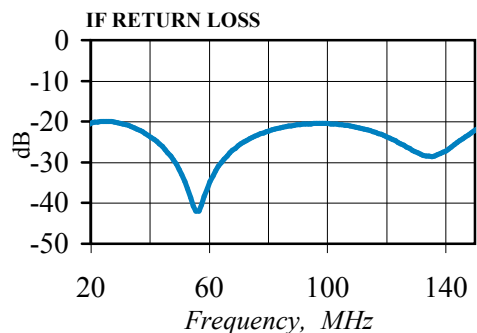
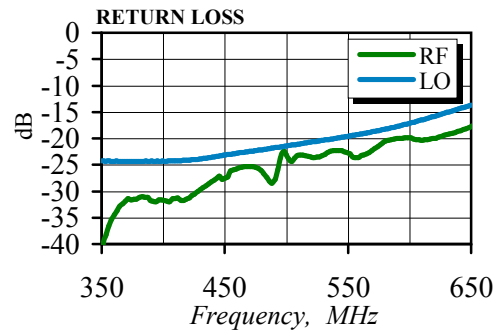
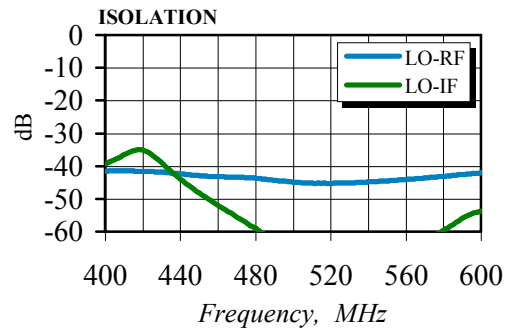
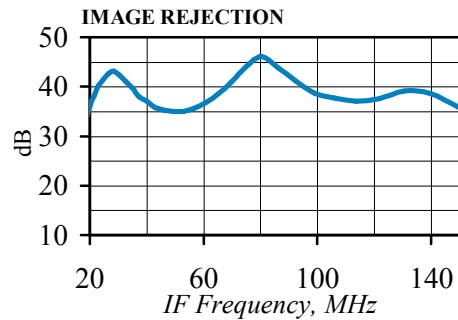
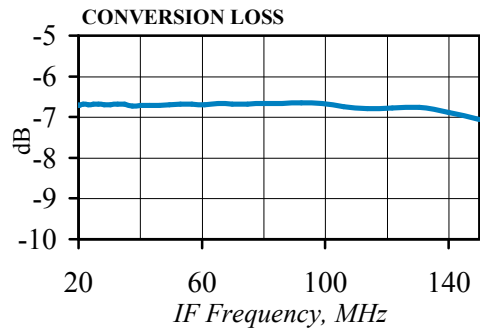
Model No.	Package
IRM290-650	M1

Outline drawing dimensions in inches



Specifications Subject To Change Without Notice

Typical Performance



All parameters measured at LO Frequency 500MHz and LO power +12dBm @ +25°C