

Hybrid Couplers 3 dB, 90°



Applications

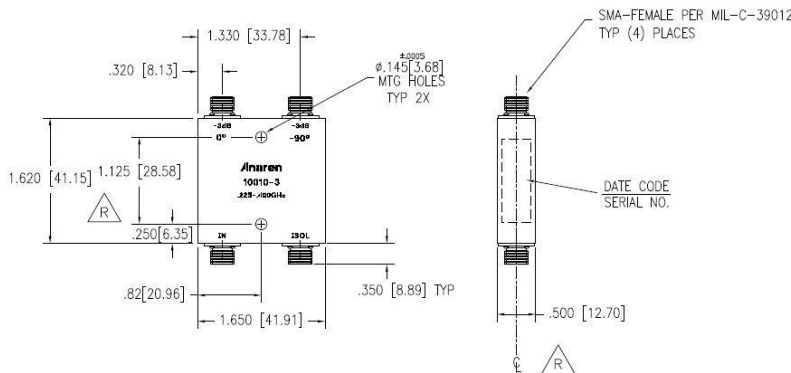
- Balanced Mixers
- Antenna Feed Networks
- Phasing Networks
- Dividers/Combiners

Features

- Military Grade
- 0.225 – 0.4 GHz
- 2 – Way power Split
- Quadrature
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Low VSWR
- Meets MIL-E-5400 Class 3 Requirements

Outline Drawing

Electrical and Mechanical Specifications subject to change without notice.



NOTES:

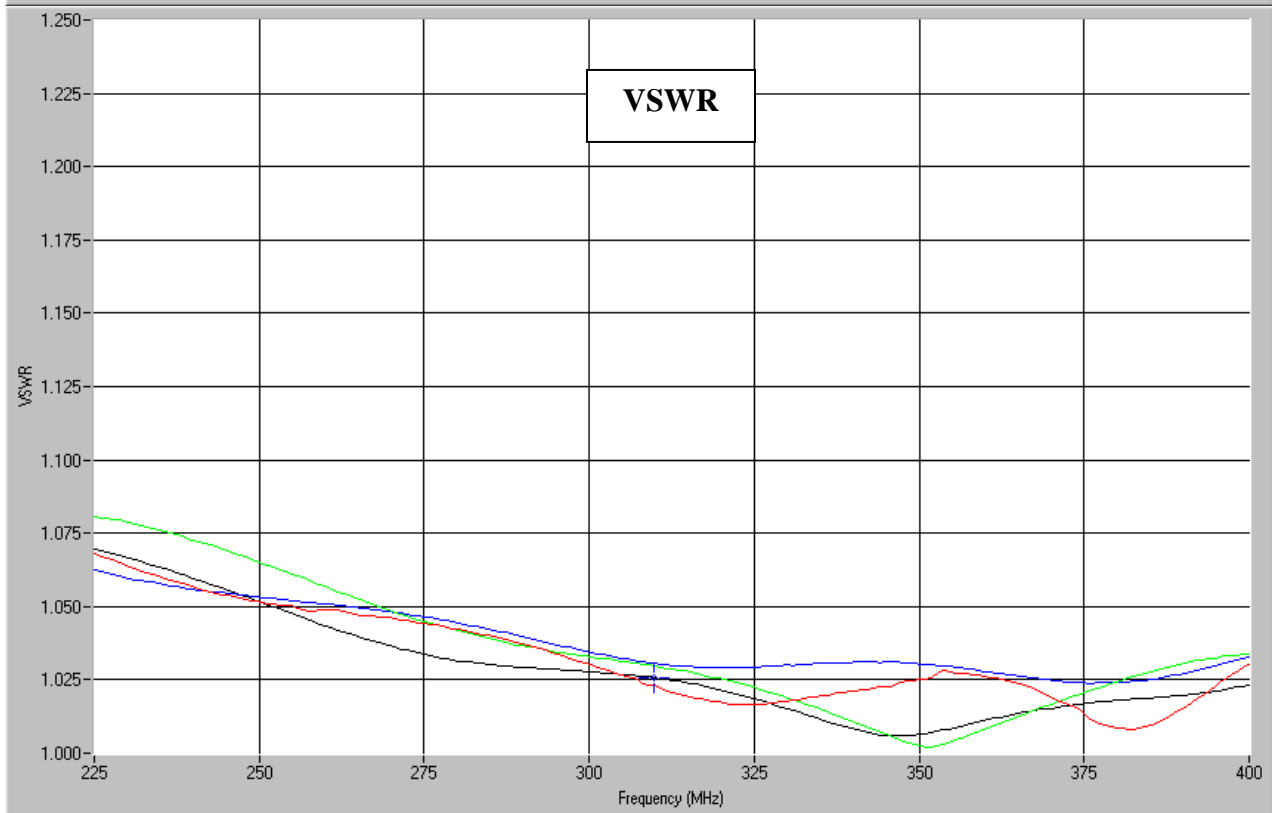
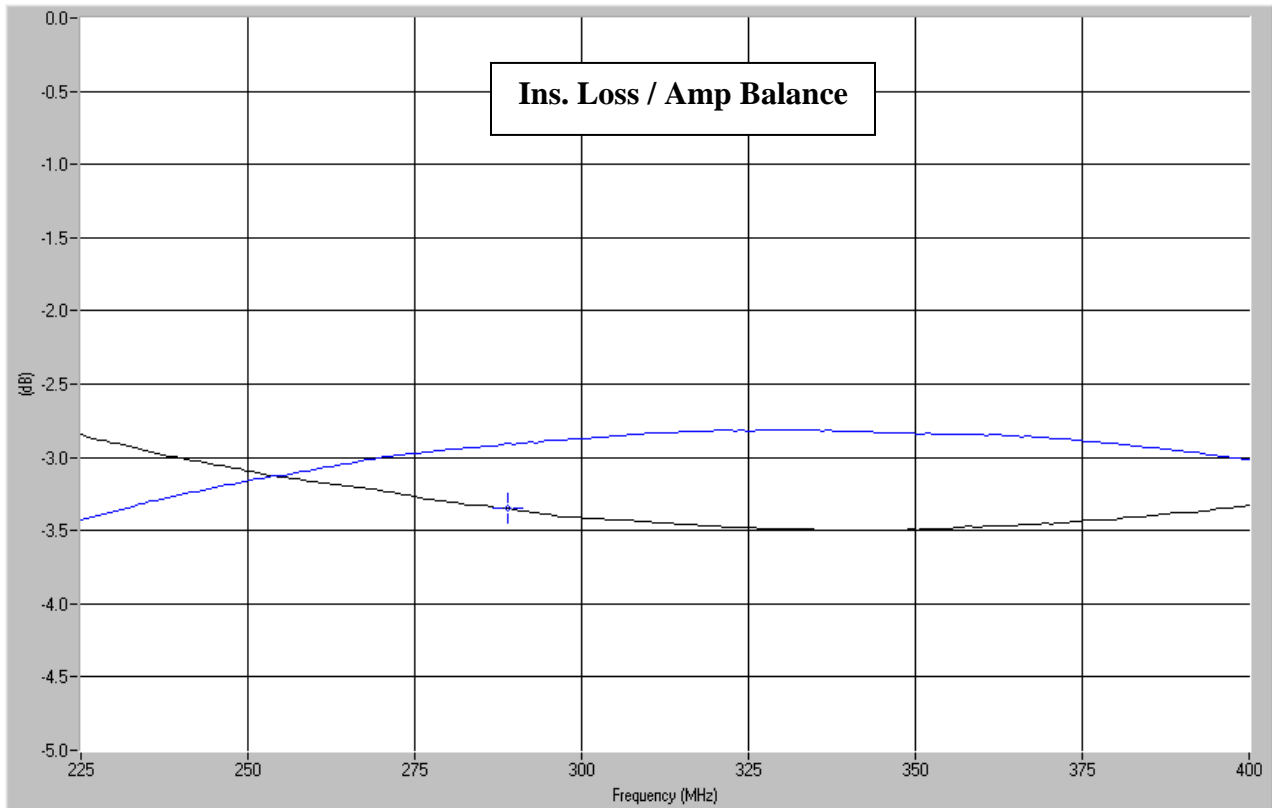
1. DIMENSIONS ARE IN INCHES AND (MILLIMETERS)
2. MARKING SHALL BE IN ACCORDANCE WITH MIL-STD-130.
3. FINISH: EPOXY COATING PER MIL-C-22750, COLOR CHIP 35180 (BLUE) PER FED-STD-595, OVER EPOXY PRIMER PER MIL-P-23337.
4. WEIGHT: 2.5 OUNCES (71 GRAMS) MAXIMUM

ELECTRICAL SPECIFICATIONS

FREQ. 225-400 MHz
ISOLATION: 23.0 Db MINIMUM
INSERTION LOSS: .30 dB MAXIMUM
VSWR: 1.20:1.0 MAXIMUM
AMPLITUDE BALANCE: ±.50 dB MAXIMUM
PHASE BALANCE: ±2.0 DEGREES MAXIMUM
AVG. CW POWER: 250 WATTS

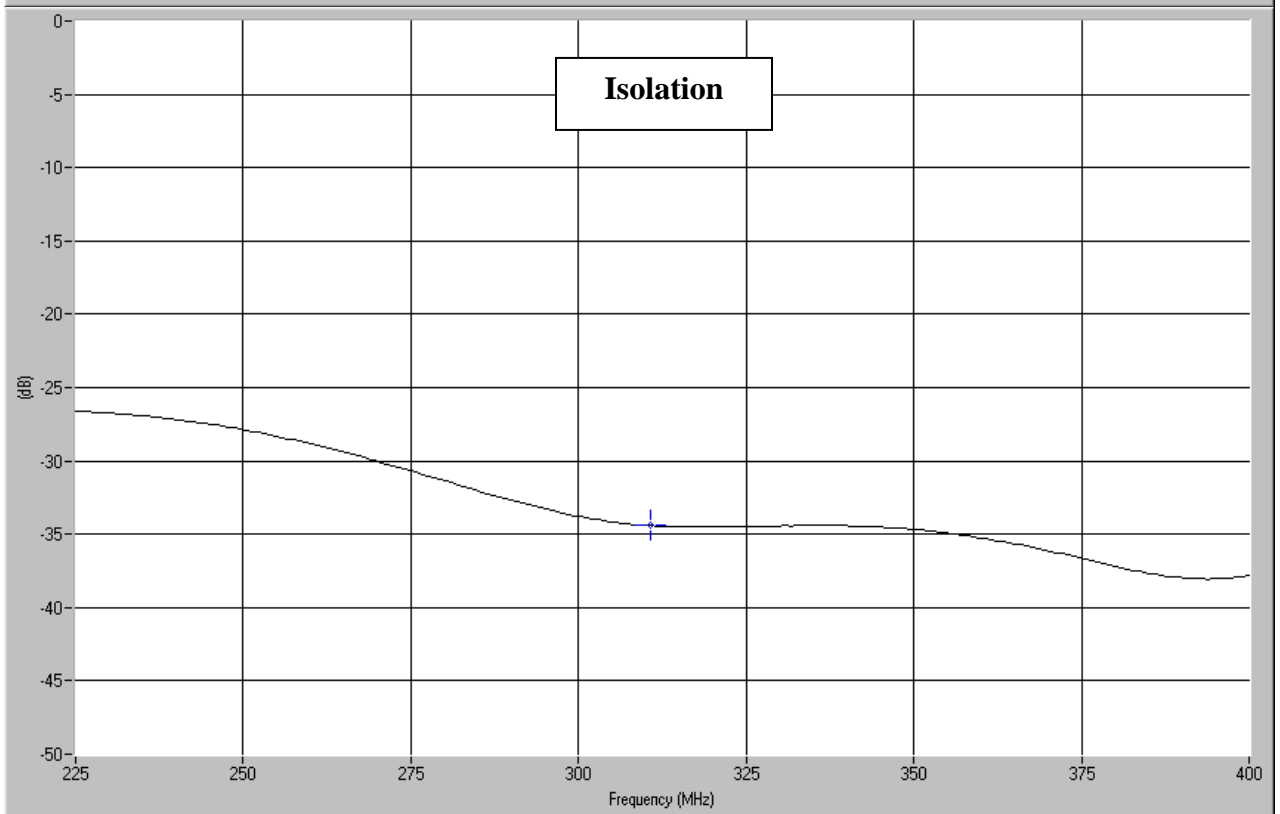
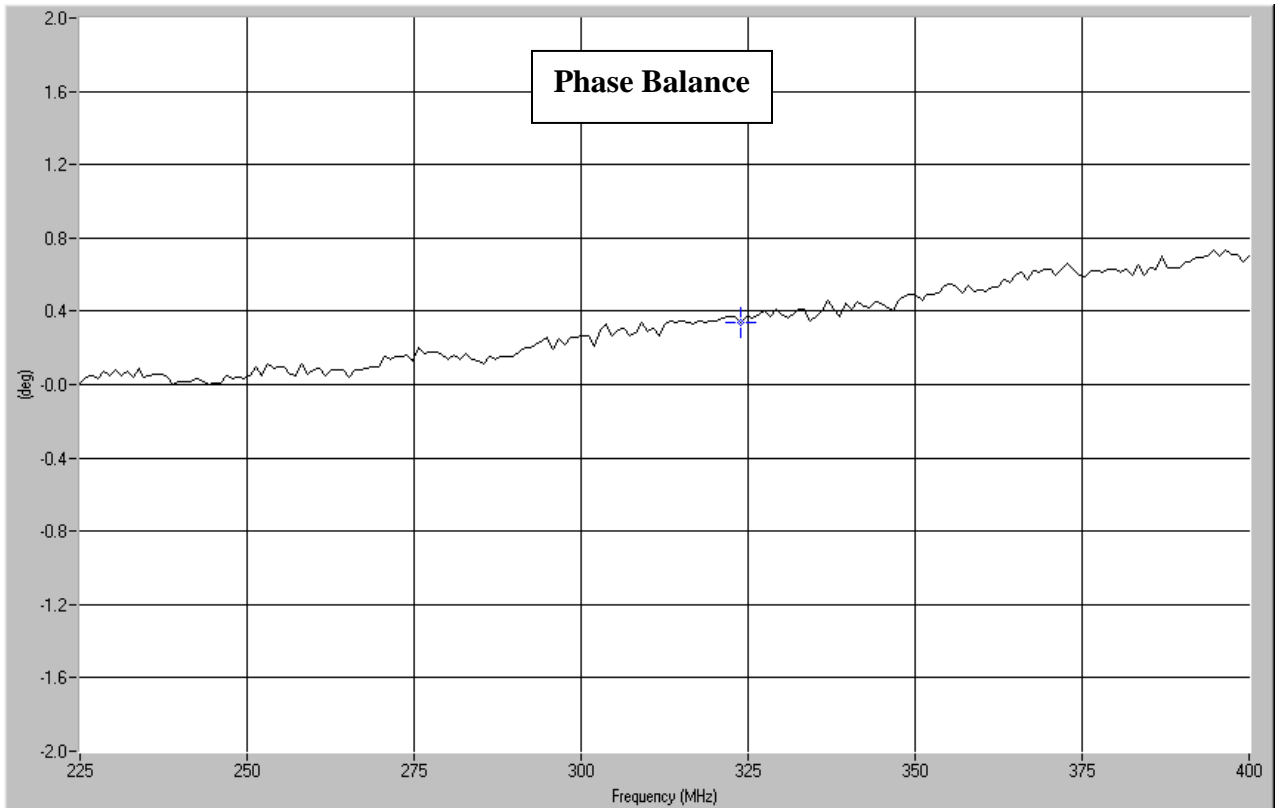
Anaren		ANAREN MICROWAVE INC. EAST SYRACUSE, NEW YORK	
COUPLER, 3dB 90° HYB			
SIZE	CAGE CODE	DOC NO.	10909-G001
B	31597		
SCALE	1/1	DOC CODE	3
REV	R	SHEET	1 OF 1

Typical Test Data Plots



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Typical Test Data Plots



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