

Hybrid Couplers

3 dB, 90°

Applications

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

Features

- Military Grade
- 4.0 – 8.0 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.

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INTERFACE CONTROL DRAWING

FREQ. 4-8 GHz
COUPLING 3 dB
VSWR 1.30:1 MAX
INS. LOSS .35 dB MAX.
AMP BAL. ± 5 dB MAX.
PHASE BAL. $\pm 3^\circ$ MAX.
POWER 80 W Avg. CW
ISOLATION 18 dB MIN.

MARKING PER MIL-STD-130

MATERIAL: ALUMINUM

FINISH: PRIMER

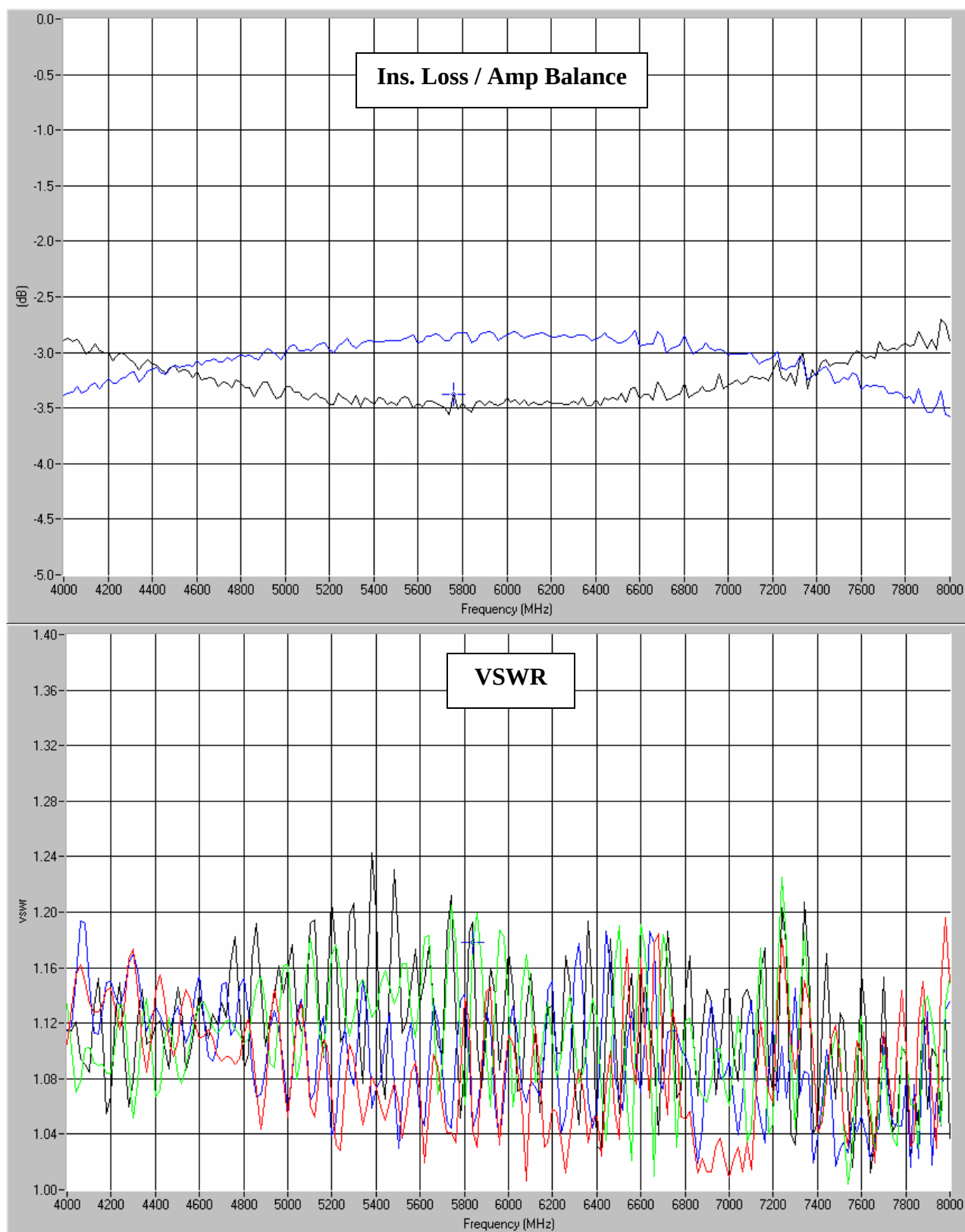
PAINT (BLUE)

F	REV	REV STATUS
1	SH	OF SHEETS

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES -TOLERANCES- 3 PL DEC $\pm .010$ 2 PL DEC $\pm .02$ ANGLES $\pm$ DRAWING IS IN ACCORDANCE WITH ANSI Y14.5M-1982	APPROVALS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>YR</th> <th>MO</th> <th>DAY</th> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	YR	MO	DAY																Anaren ANAREN MICROWAVE INC. EAST SYRACUSE, NEW YORK HYBRID COUPLER
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THIRD ANGLE PROJECTION	COMPUTER GENERATED DOCUMENT - MANUAL CHANGES NOT ALLOWED	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">SIZE B</td> <td style="width: 20%;">CASE CODE 31597</td> <td style="width: 10%;">DOC NO.</td> <td style="width: 60%;">16984-G101</td> </tr> <tr> <td>SCALE</td> <td>1/1</td> <td>DOC CODE</td> <td>3</td> </tr> </table>	SIZE B	CASE CODE 31597	DOC NO.	16984-G101	SCALE	1/1	DOC CODE	3										
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