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[Anaren](#)
[10870-10](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Directional Couplers In-Line Style

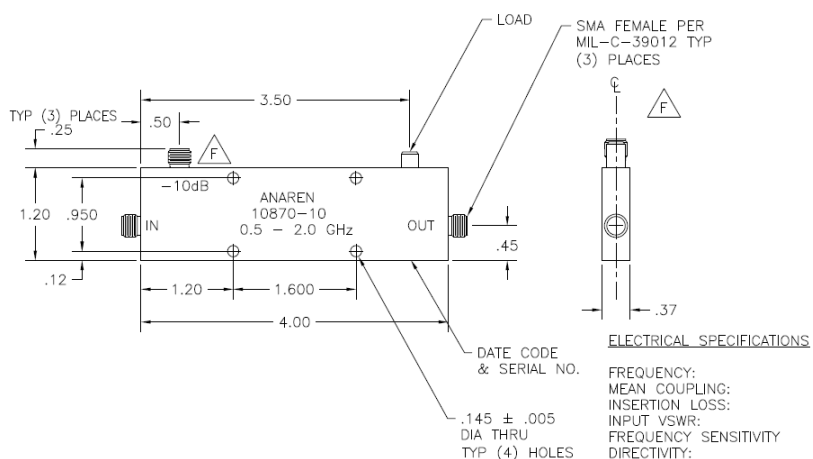
Applications

- Subassemblies
- Lab Systems
- Leveling Loops
- Power Monitoring
- Test and Calibration

Features

- Military Grade
- 0.5 – 2.0 GHz
- In-Line Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

Outline Drawing



NOTES: Electrical and Mechanical Specifications subject to change without notice. Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications.

*These power ratings apply when coupled port VSWR is 2.0:1.0 or less. Higher power can be handled with a lower VSWR termination. In general the Max CW Power is identical to 3dB couplers when there is no internal termination or one supplied by Anaren. All models have SMA connectors.

*RATING WITH COUPLED PORT TERMINATED INTO A 2.0 : 1.0 VSWR MAXIMUM



NOTES:

1. DIMENSIONS ARE IN INCHES AND (MILIMETERS)
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-23377.
4. WEIGHT: 7.8 OUNCES (221 GRAMS) MAXIMUM

COMPUTER GENERATED
DOCUMENT - MANUAL
CHANGES NOT ALLOWED

PART NO. 16128-G001
Anaren
ANAREN MICROWAVE INC.
EAST SYRACUSE, NEW YORK

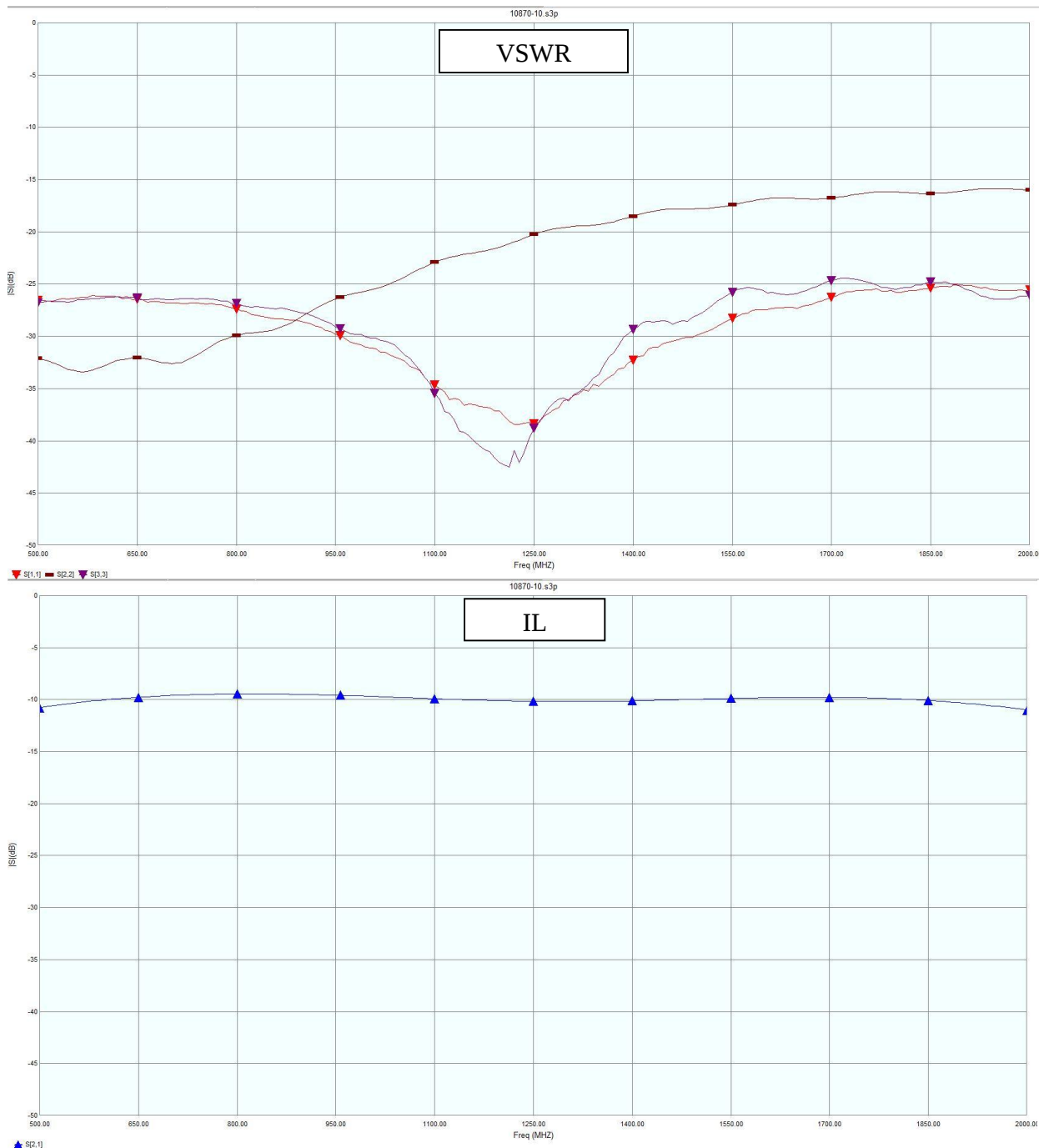
DIRECTIONAL COUPLER

SIZE B CASE CODE 31597 DOC NO. 16128-G001
SCALE 1/1 DOC. CODE 3 REV F SHEET 1 OF 1

Model 10870-10

Anaren®

Typical Test Data Plots



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Anaren
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Coupling

