

Directional Couplers In-Line Style

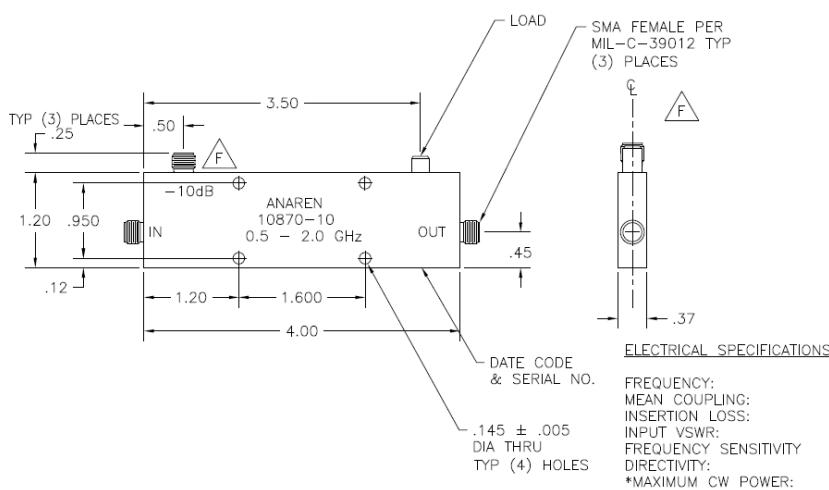
Applications

- 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.

.50 – 2.0 GHz
10.0 dB ± 1.2 dB
.50 dB MAXIMUM
1.25:1.0 MAXIMUM
± 1.2 dB MAXIMUM
17 dB MINIMUM
50 WATTS FORWARD
5 WATTS BACKWARD

COMPUTER GENERATED
DOCUMENT – MANUAL
CHANGES NOT ALLOWED

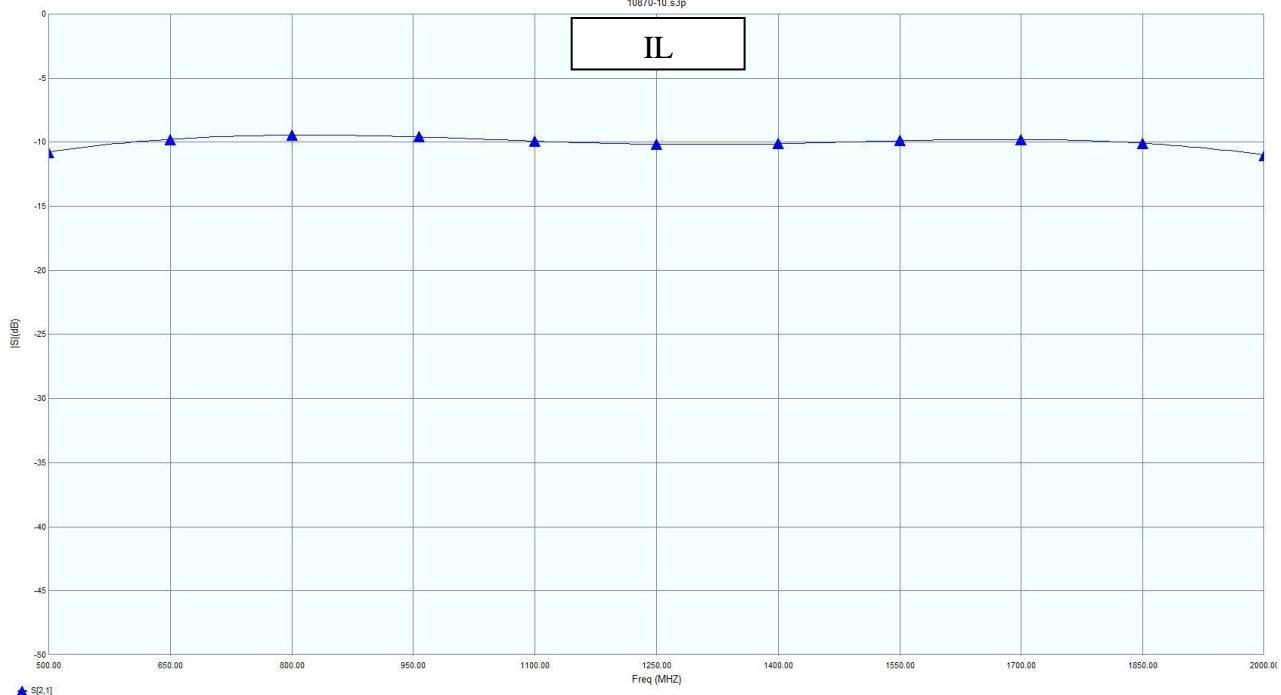
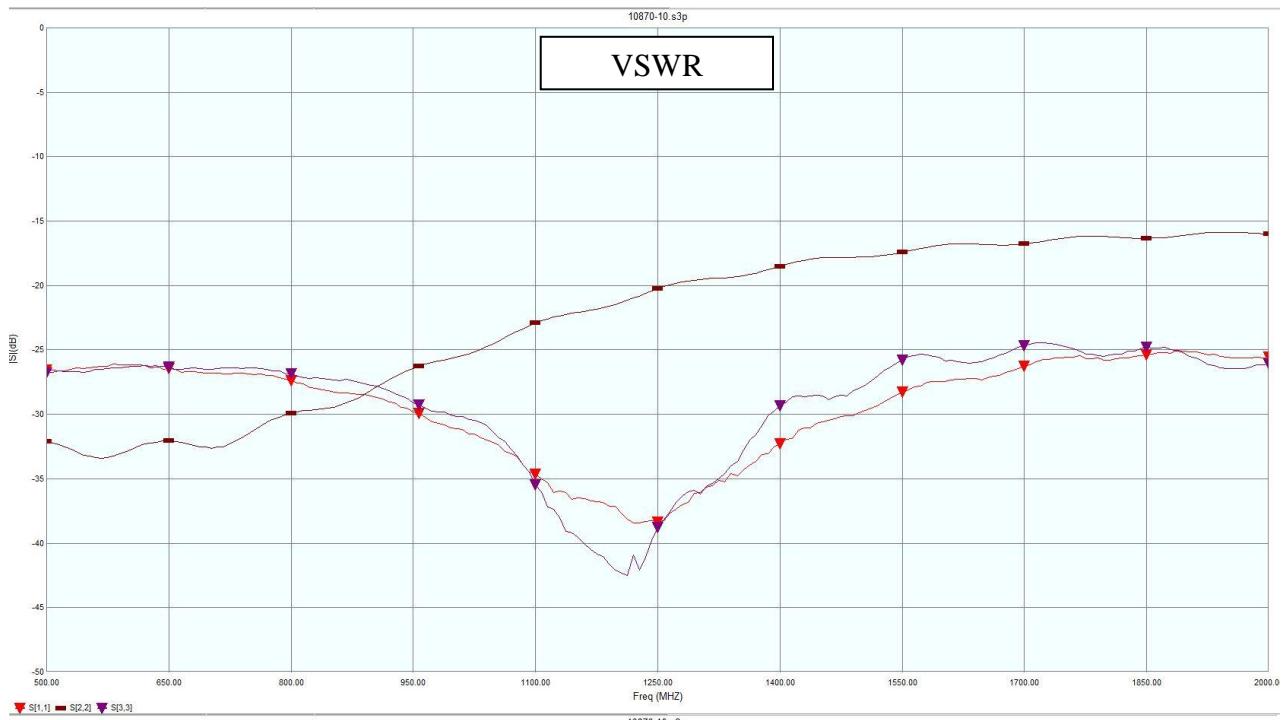
PART NO. 16128-G001

Anaren ANAREN MICROWAVE INC.
EAST SYRACUSE, NEW YORK

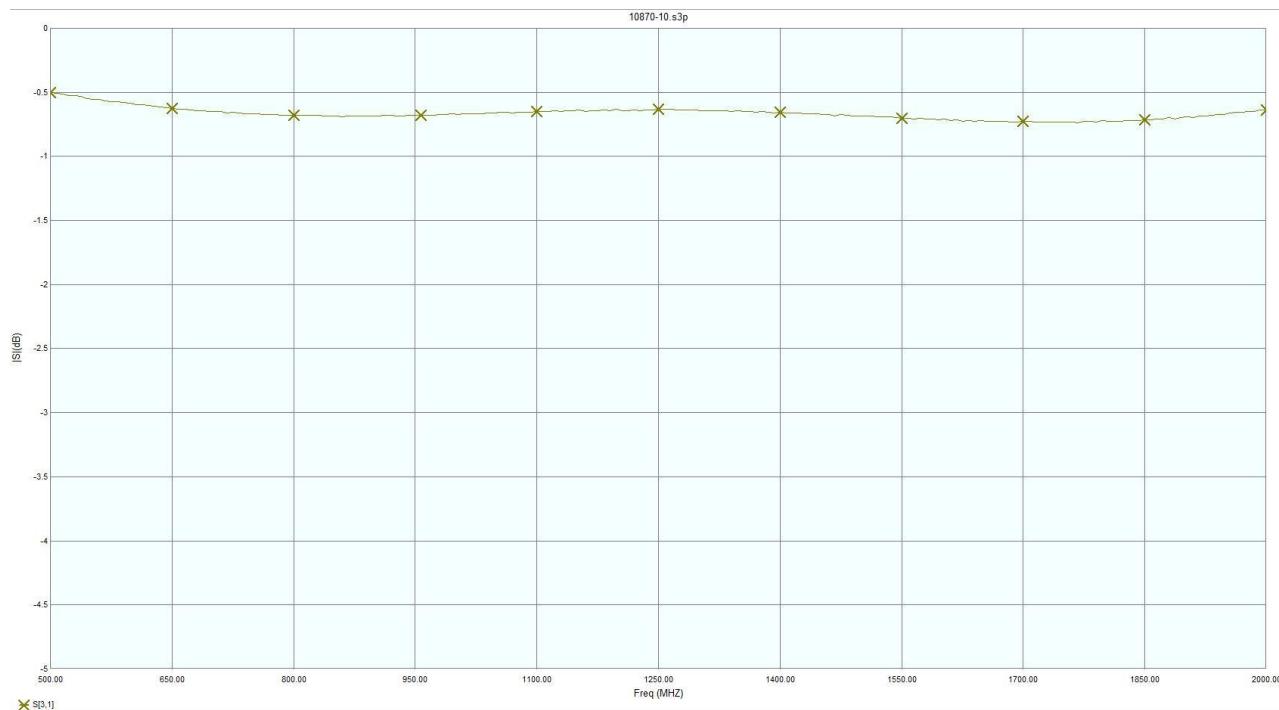
DIRECTIONAL COUPLER

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

Typical Test Data Plots



Coupling



Mouser Electronics

Authorized Distributor

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