

Hybrid Couplers 3 dB, 90°

Applications

- Microstrip Circuits
- Power Amps
- Divider/Combiners
- Switch Networks
- Balanced Detectors
- Antenna Feeds



Features

- Welded Tab Mount
- 2-Way Power Split
- Reliable Performance
- Handles 400 Watts

Electrical Specifications

| Frequency MHz | Isolation dB Min/Typ | Insert. Loss dB Max | VSWR Max : 1 |
|---------------------|---------------------------|------------------------|-----------------|
| 90 - 180 | 18/25 | 0.30 | 1.20/1.10 |
| Amp. Bal. dB Max | Phase Bal. Degrees Max | Power Ave. CW Watts | |
| ±0.50 | ±2.0 | 400 | |

Notes: Electrical specifications apply only with properly designed test fixtures. Testing is done at ambient temperature only. Sample testing is performed to MIL-STD-105, Level 2, AQL 1.0. Test includes coupling, amplitude balance, insertion loss and isolation. If your application requires additional testing, consult Anaren Power rating applies when solder tab/coupler interface has been conformally coated. Impedance: 50 ohms. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications.

Electrical and Mechanical Specifications subject to change without notice.

Outline Drawing

