

Hybrid Couplers 3 dB. 90°

Applications

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



Features

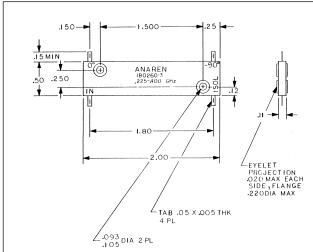
- Welded Tab Mount
- 2-Way Power Split
- Reliable Performance
- Handles 250 Watts

| Electrical Specifications | | | |
|---------------------------|-------------------------|------------------------|-----------------|
| Frequency MHz | Isolation dB Min/Typ | Insert. Loss dB Max | VSWR Max : 1 |
| 225 - 400 | 20/25 | 0.30 | 1.20/1.10 |
| Amp. Bal. | Phase Bal. Degrees Max | Power Ave. CW Watts | |
| ±0.50 | ±2.0 | 250 | |

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



NOTES:

- 1. DIMENSIONS ARE IN INCHES OVER (MILLIMETERS)
- 2. MARKING SHALL BE IN ACCORDANCE WILL MIL-STD-130
- 3. FINISH: CHEMICAL CONVERSATION COAT (CLEAR)
 PER MIL-C-5541, CLASS 1A
- 4. SOLDER TAB:
 - 4.1 MATERIAL:FLAT WIRE, COPPER-061, PER ASTM-B-272
 4.2 FINISH: GOLD PLATE PER MIL-G-45204, TYPE 3, GRADE A, CLASS 00. OVER NICKEL SULFAMATE FLASH PER QQ-N-290, CLASS I.

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