Model 10262-3

Anaren

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 300 Watts

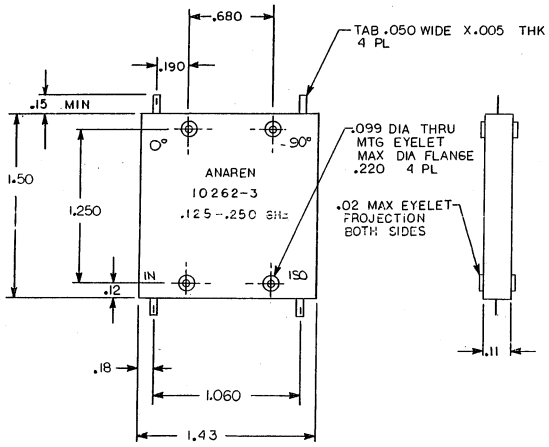
Electrical Specifications

Frequency *MHz*	Isolation *dB Min/Typ*	Insert. Loss *dB Max*	VSWR *Max : 1*
125 - 250	20/27	0.30	1.20/1.10

Amp. Bal. *dB Max*	Phase Bal. *Degrees Max*	Power *Ave. CW Watts*
±0.50	±2.0	300

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.

Anaren
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