# Model 1A0260-3

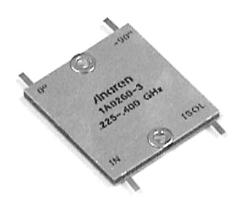


# Hybrid Couplers

3 dB, 90°

### **Applications**

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



#### **Features**

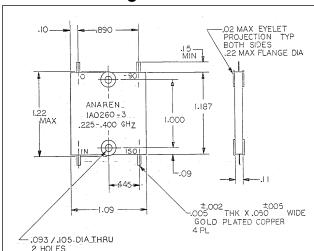
- · Welded Tab Mount
- 2-Way Power Split
- Reliable Performance
- Handles 250 Watts

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. dB Max	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.



Sales Desk USA: Voice: (800) 544-2414 Fax: (315) 432-9121

Sales Desk Europe: Voice: (+44) 23 92 232392 Fax: (+44) 23 92 251369

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