

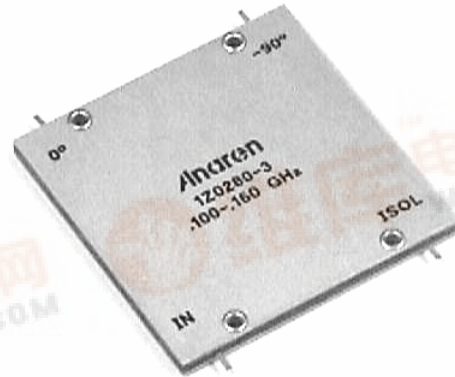
# Model 1Z0280-3



## Hybrid Couplers High Power 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 700 Watts

### Electrical Specifications

Frequency MHz	Isolation dB Min/Typ	Insert. Loss dB Max	VSWR Max : 1
100 - 160	23	0.25	1.15
Amp. Bal. dB Max	Phase Bal. Degrees Max	Power Ave. CW Watts	
±0.40	±2.0	700	

**Notes:** Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications. Electrical specifications apply only 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.  
**Electrical and Mechanical Specifications subject to change without notice.**

### Outline Drawing

