

Model 10270-3

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 800 Watts

Electrical Specifications

Frequency MHz	Isolation dB Min/Typ	Insert. Loss dB Max	VSWR Max : 1
30 - 76	20/25	0.45	1.20/1.10
Amp. Bal. dB Max	Phase Bal. Degrees Max	Power Ave. CW Watts	
±0.80	±2.0	800	

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

