

### Hybrid Couplers

3 dB, 90°



#### Applications

- Balanced Mixers
- Antenna Feed Networks
- Phasing Networks
- Divider/Combiners

#### Features

- Military Grade
- 2-Way Power Split
- Quadrature
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Low VSWR

#### Electrical Specifications

| Frequency<br>GHz    | Isolation<br>dB Min/Typ   | Insert. Loss<br>dB Max | VSWR<br>Max : 1 |
|---------------------|---------------------------|------------------------|-----------------|
| 2.0 - 4.0           | 20/29                     | 0.30                   | 1.30            |
| Amp. Bal.<br>dB Max | Phase Bal.<br>Degrees Max | Power<br>Ave. CW Watts |                 |
| ±0.50               | ±2.0                      | 100                    |                 |

Notes: Impedance: 50 ohms nominal. Meets MIL-E-5400 Class III requirements. Additional screening available for military and space applications.

Electrical and Mechanical Specifications subject to change without notice.

#### Outline Drawing

