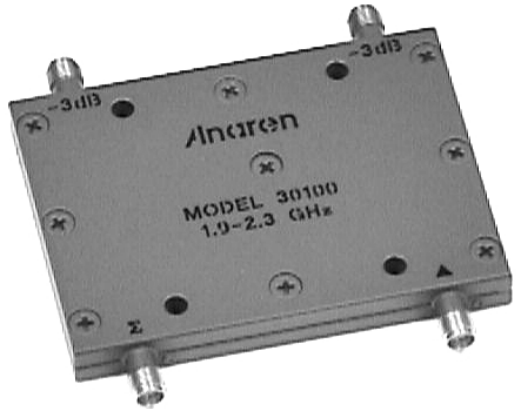
Model 30100

Hybrid Couplers

3 dB, 180°

Applications

- Balanced Mixers
- Antenna Feed Networks
- Image Reject Mixers
- Divider/Combiners
- Single Sideband Modulators



Features

- Military Grade
- 2-Way Power Split
- 180 Degree
- Stainless Steel Connectors
- Rugged Aluminum Housing
- Low VSWR

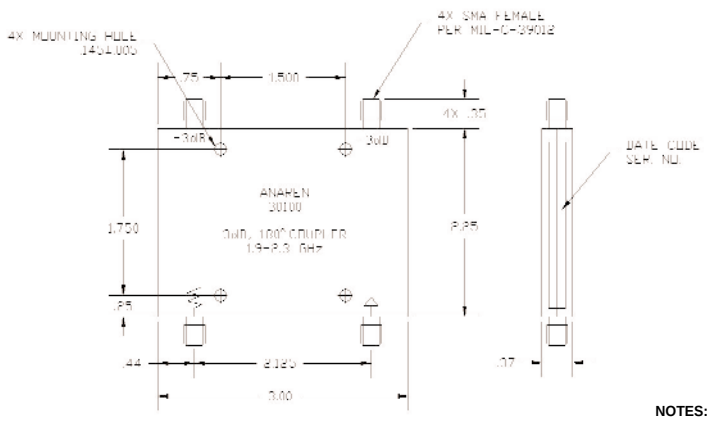
Electrical Specifications

Frequency *GHz*	Isolation *dB Min/Typ*	Insert. Loss *dB Max*	VSWR *Max : 1*
1.9 - 2.3	20/23	0.60	1.40

Amp. Bal. *dB Max*	Phase Bal. *Degrees Max*	Power *Ave. CW Watts*
±0.30	±6.0	100

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

Outline Drawing



NOTES:

1	Dimensions:	Inches over (millimeters)
2	Marking:	Marking shall be in accordance with MIL-STD-130
3	Finish:	Primer A160-16123-6001, Paint A160-16221-6001 (Blue)

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