

Directional Couplers In-Line Style

Applications

- Subassemblies
- Lab Systems
- Leveling Loops
- Power Monitoring
- Test and Calibration



Features

- Military Grade
- 2.4 - 2.8 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing

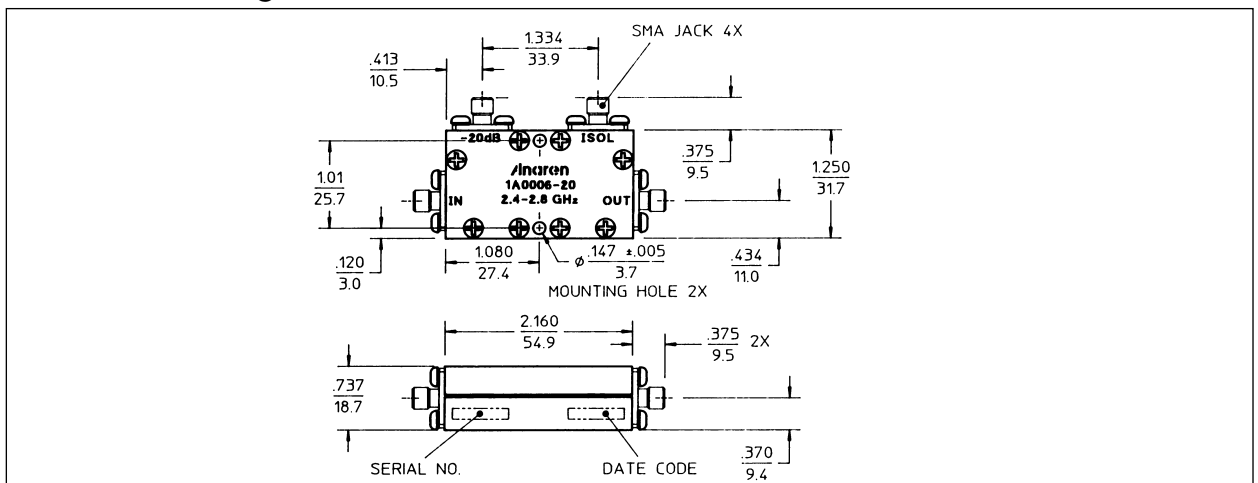
Electrical Specifications

Model#	Frequency	Coupling	Insert. Loss	Input VSWR
	GHz	dB Mean	dB Max	Max:1
1A0006-10	2.4 - 2.8	10.0 ± 1.0	0.25	1.12
1A0006-20	2.4 - 2.8	20.0 ± 1.5	0.25	1.12
1A0006-30	2.4 - 2.8	30.0 ± 2.0	0.25	1.12

Model #	Freq. Sems.	Directivity	Max CW Power*	
	dB Max	dB Min	Forward	Backward
1A0006-10	±0.20	18	100	100
1A0006-20	±0.20	18	100	100
1A0006-30	±0.12	15	100	100

Notes: Electrical and Mechanical Specifications subject to change without notice. Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications. *These power ratings apply when optional termination is supplied by Anaren and coupled port VSWR is 2.0:1 or less. Higher power can be handled with a lower VSWR termination. In general the Max CW Power is identical to 3 dB couplers when there is no internal termination or one supplied by Anaren. All models have SMA connectors.

Outline Drawing



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