

Model 1G0617-XX



Directional Couplers "In-Line" Style

Applications

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



Features

- Military Grade
- 4.0 - 8.0 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

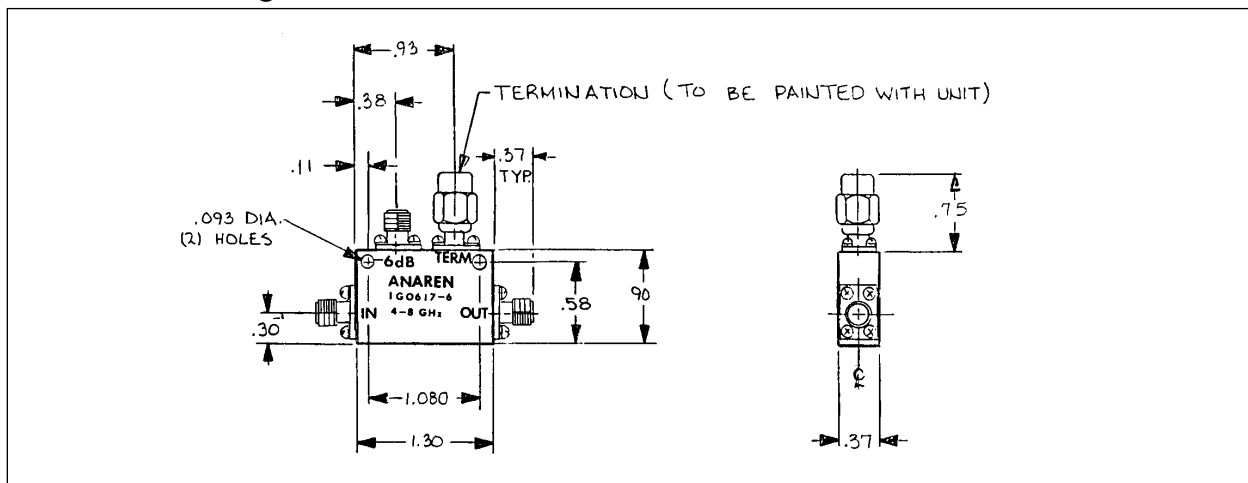
Electrical Specifications

Model#	Frequency	Coupling dB Mean	Insert. Loss dB Max	Input VSWR	
	GHz			Max:1	Max:1
1G0617-6	4.0 - 8.0	6.0 ± 0.5	0.50	1.35	1.35
1G0617-10	4.0 - 8.0	10.0 ± 0.5	0.50	1.35	1.35
1G0617-20	4.0 - 8.0	20.0 ± 1.0	0.50	1.35	1.35

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power*	
			Forward	Backward
1G0617-6	±0.60	18/23	20	2
1G0617-10	±0.75	18/23	50	5
1G0617-20	±1.00	18/23	100	50

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 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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