

# Model 1G0619-XX



## Directional Couplers "In-Line" Style

### Applications

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



### Features

- Military Grade
- 12.4 - 18.0 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

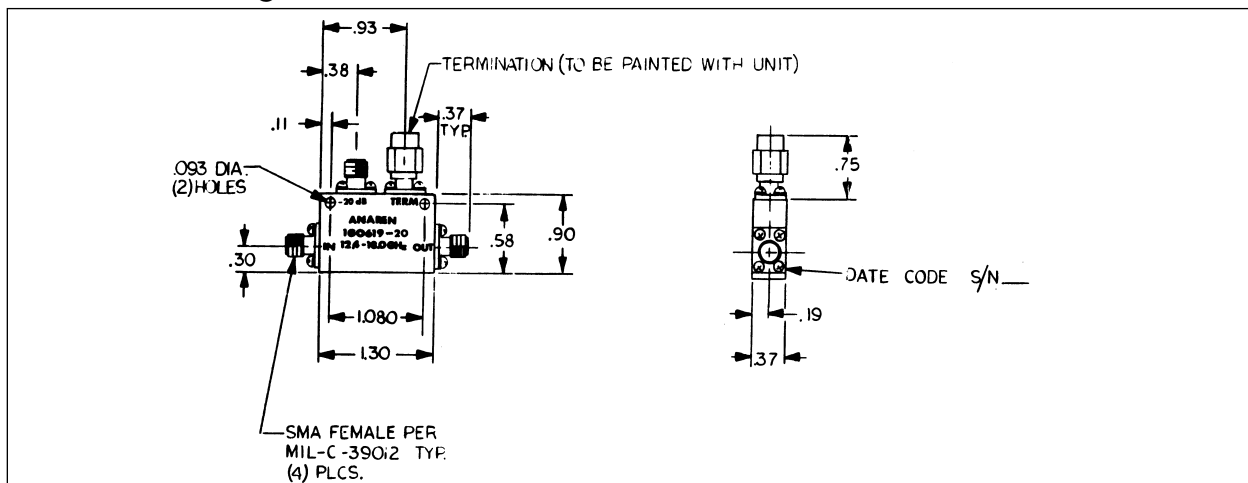
### Electrical Specifications

Model#	Frequency GHz	Coupling dB Mean	Insert. Loss		Input VSWR Max:1
			dB Max		
1G0619-6	12.4 - 18.0	6.0 ± 1.0	0.80		1.79
1G0619-10	12.4 - 18.0	10.0 ± 1.0	0.80		1.79
1G0619-20	12.4 - 18.0	20.0 ± 1.0	0.80		1.79

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power*	
			Forward	Backward
1G0619-6	±0.50	12/19	20	2
1G0619-10	±0.60	12/18	50	5
1G0619-20	±0.75	12/17	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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