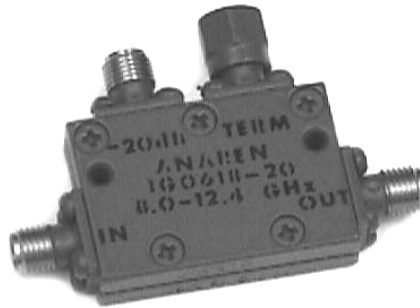


### Directional Couplers In-Line Style

#### Applications

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



#### Features

- Military Grade
- 8.0 - 12.4 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 dB Max	Input VSWR Max:1
1G0618-6	8.0 - 12.4	6.0 ± 0.5	0.60	1.45
1G0618-10	8.0 - 12.4	10.0 ± 0.5	0.60	1.45
1G0618-20	8.0 - 12.4	20.0 ± 0.75	0.60	1.45

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power*	
			Forward	Backward
1G0618-6	±0.50	15/20	20	2
1G0618-10	±0.60	15/20	50	5
1G0618-20	±0.75	15/20	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

