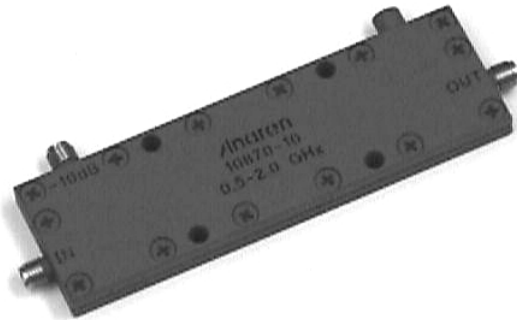


### Directional Couplers In-Line Style

#### Applications

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



#### Features

- Military Grade
- 0.5 - 2.0 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

#### Electrical Specifications

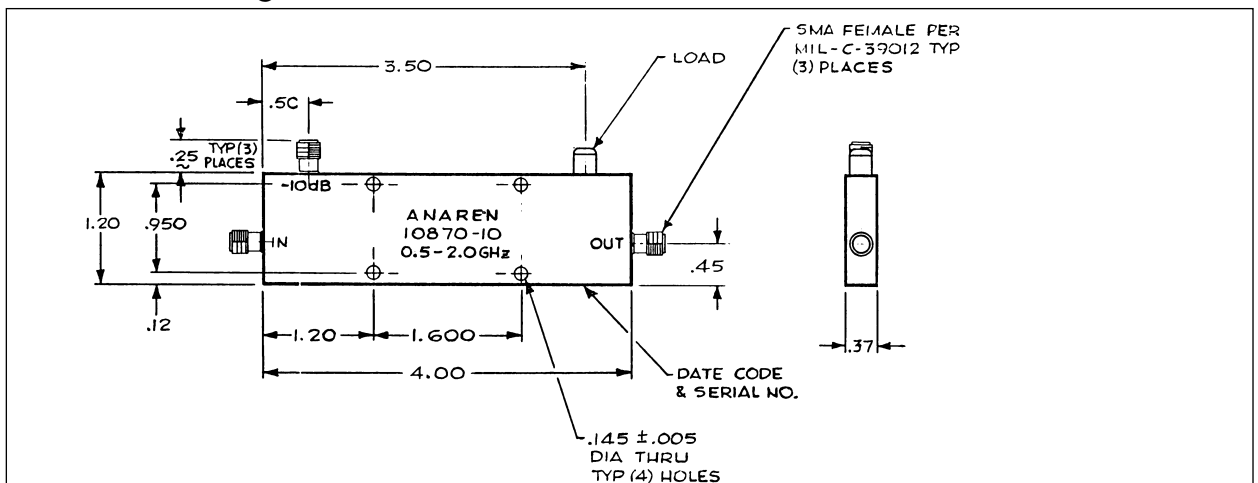
Model#	Frequency GHz	Coupling dB Mean	Insert. Loss dB Max	Input VSWR Max:1
10870-10	0.5 - 2.0	10.0 ± 0.8	0.50	1.25

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power* Forward	Backward
10870-10	±0.90	17/22	50	5

**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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