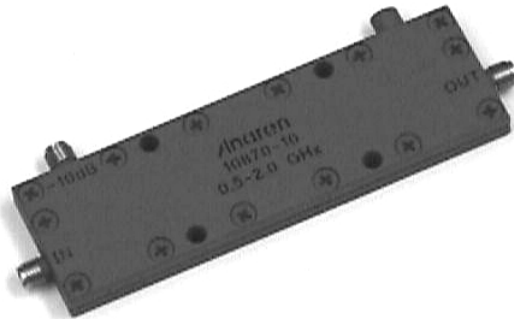


Directional Couplers *In-Line Style*

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 $\pm$ 0.8	0.50	1.25

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power* Forward	Backward
10870-10	$\pm$ 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

