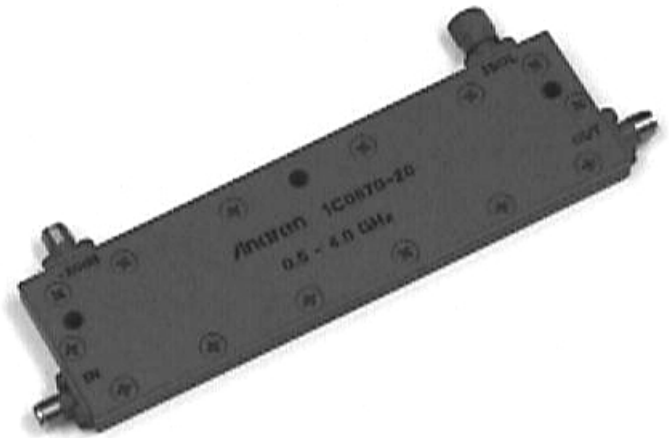
Model 1C0870-20

Anaren

Directional Couplers

"In-Line" Style



Applications

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

Features

- Military Grade
- 0.5 - 4.0 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

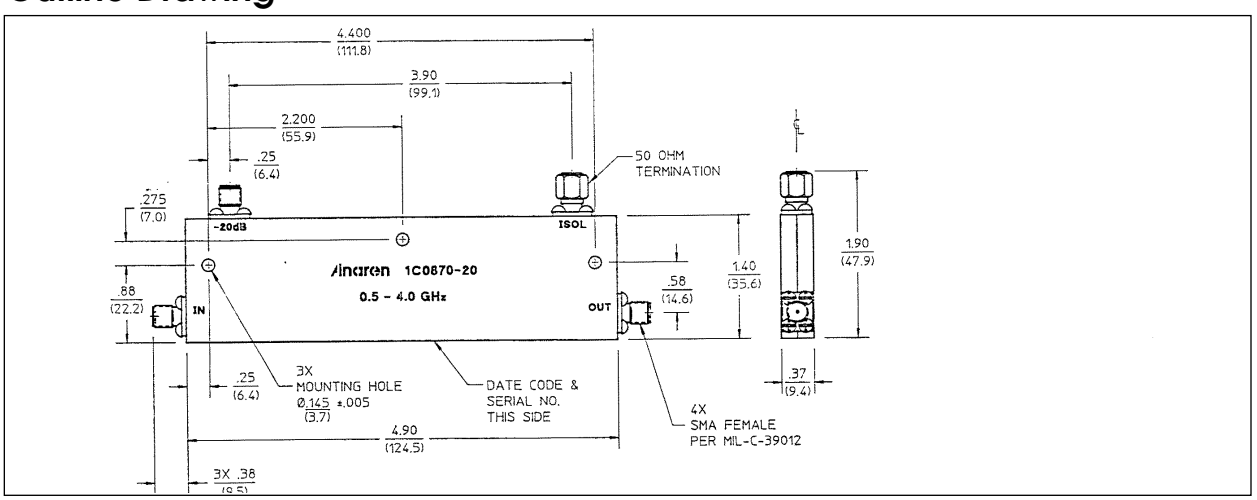
Electrical Specifications

Model#	Frequency	Coupling	Insert. Loss	Input VSWR
	GHz	*dB Mean*	*dB Max*	*Max:1*
1C0870-20	0.5 - 4.0	20.0 ± 1.5	0.50	1.30

Model #	Freq. Sems.	Directivity	Max CW Power*	
	dB Max	*dB Min/Typ*	*Forward*	*Backward*
1C0870-20	±1.5	17/20	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



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