

Model 1A0505-XX

Directional Couplers

In-Line Style

Applications

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



- Military Grade
- 1.5 2.0 GHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing

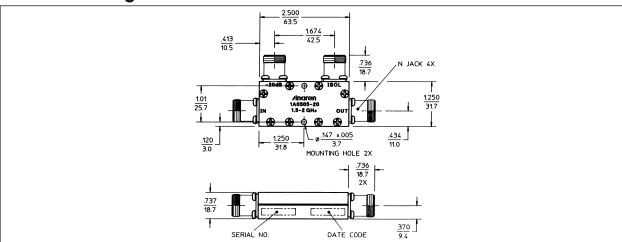


Electrical Specifications							
Model#	Frequency GHz	Coupling dB Mean	Insert. Loss	Input VSWR Max:1			
1A0505-10	1.5 - 2.0	10.0 ± 1.0	0.20	1.17			
1A0505-20 1A0505-30		20.0 ± 1.5 30.0 ± 2.0	0.20 0.20	1.17 1.17			

Model #	Freq. Sems.	Directivity	Max CW Power*	
	dB Max	dB Min	Forward Backward	
1A0505-10	±0.25	20	150 150	
1A0505-20	±0.25	19	150 150	
1A0505-30	±0.20	16	150 150	

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 optional termination is supplied by Anaren and 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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