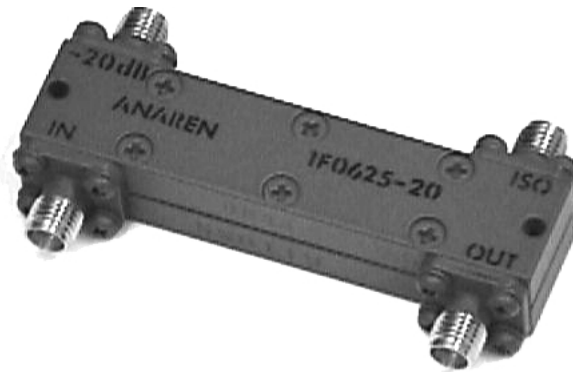


Directional Couplers "H" Style

Applications

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



Features

- Military Grade
- 1.0 - 2.0 GHz
- Compact Package
- "H" Style Configuration
- Connectors per MIL-C-39012
- High Directivity

Electrical Specifications

Model#	Frequency GHz	Coupling	Insert. Loss	Input VSWR
		dB Min/Typ	dB Max	Max:1
1F0625-6	1.0 - 2.0	6.0 ± 0.5	0.35	1.23
1F0625-10	1.0 - 2.0	10.0 ± 0.5	0.35	1.23
1F0625-20	1.0 - 2.0	20.0 ± 1.25	0.35	1.23

Model #	Freq. Sens.	Directivity	Max CW Power*	
	dB Max	dB Min/Typ	Forward	Backward
1F0625-6	±0.75	20/25	20	2
1F0625-10	±0.80	20/25	50	5
1F0625-20	±1.25	17/22	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 ratings are maximum Watts and 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

