

# Model 1F0628-XX



## Directional Couplers "H" Style



### Applications

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

### Features

- Military Grade
- 8.0 - 12.4 GHz
- Compact Package
- "H" Style Configuration
- Stainless Steel Conns.
- High Directivity

### Electrical Specifications

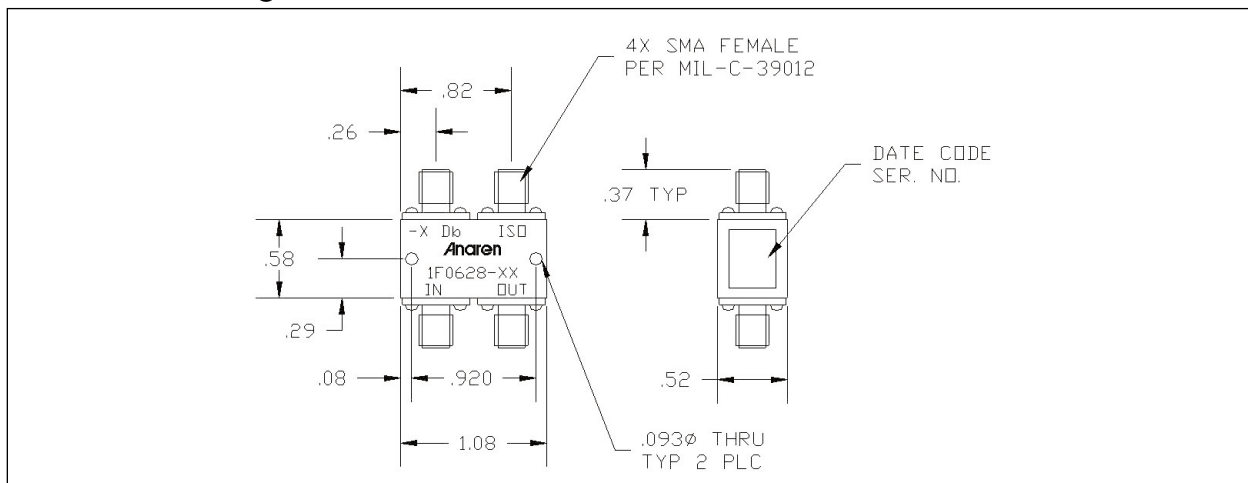
Model#	Frequency GHz	Coupling dB Min/Typ	Insert. Loss dB Max	Input VSWR Max:1
1F0628-6	8.0 - 12.4	6.0 ± 0.5	0.50	1.35
1F0628-10	8.0 - 12.4	10.0 ± 0.5	0.50	1.35
1F0628-20	8.0 - 12.4	20.0 ± 0.8	0.50	1.35

Model #	Freq. Sens. dB Max	Directivity dB Min/Typ	Max CW Power*	
			Forward	Backward
1F0628-6	±0.60	18/23	20	2
1F0628-10	±0.75	18/23	50	5
1F0628-20	±0.80	15/20	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 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



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