Model 1F0629-XX

Directional Couplers

"H" Style

Applications

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

Features

- Military Grade
- 12.4 - 18.0 GHz
- Compact Package
- "H" Style Configuration
- Connectors per MIL-C-39012
- High Directivity

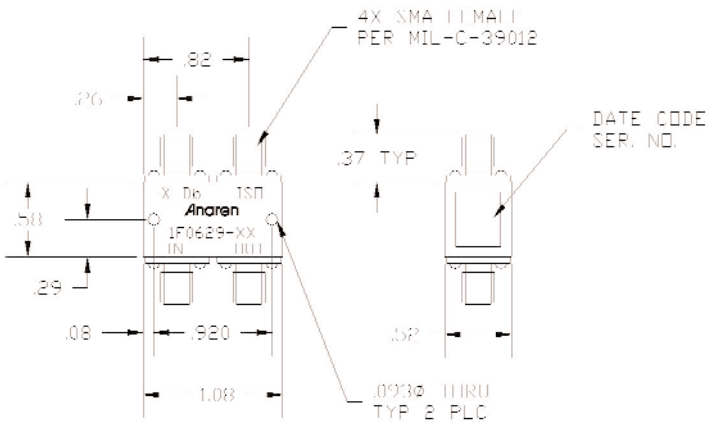
Electrical Specifications

Model#	Frequency GHz	Coupling dB Min/Typ	Insert. Loss dB Max	Input VSWR Max:1
1F0629-6	12.4 - 18.0	6.0 ± 0.5	0.60	1.50
1F0629-10	12.4 - 18.0	10.0 ± 0.5	0.60	1.50
1F0629-20	12.4 - 18.0	20.0 ± 1.25	0.60	1.50

Model #	Freq. Sens. dB Max	Directivity dB Min/Typ	Max CW Power* Forward	Max CW Power* Backward
1F0629-6	±0.60	14/19	20	2
1F0629-10	±0.75	14/19	50	5
1F0629-20	±0.80	14/19	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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