

Directional Couplers In-Line Style

Applications

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



Features

- Military Grade
- 125 - 250 MHz
- "In-Line" Configuration
- Connectors Per MIL-C-39012
- Rugged Aluminum Housing
- Built in Termination

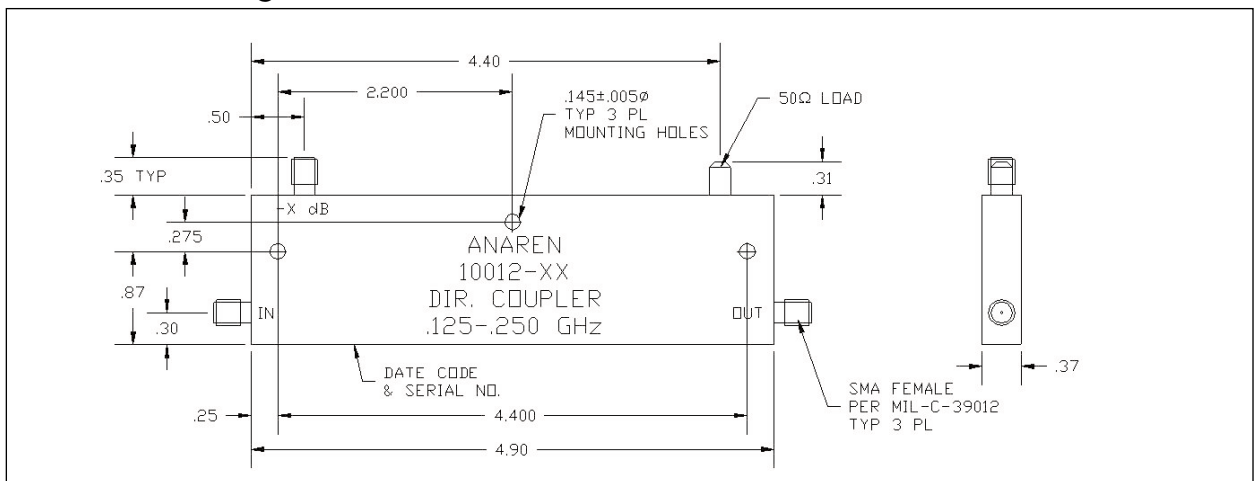
Electrical Specifications

Model#	Frequency MHz	Coupling dB Mean	Insert. Loss dB Max	Input VSWR Max:1
10012-6	125 - 250	6.0 ± 0.5	0.30	1.15
10012-10	125 - 250	10.0 ± 0.5	0.30	1.15
10012-20	125 - 250	20.0 ± 1.0	0.30	1.15
10012-30	125 - 250	30.0 ± 1.5	0.30	1.15

Model #	Freq. Sems. dB Max	Directivity dB Min/Typ	Max CW Power* Forward	Backward
10012-6	±0.75	20/25	20	2
10012-10	±0.80	20/25	50	5
10012-20	±0.80	17/22	100	50
10012-30	±0.80	15/20	100	100

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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