

Power Dividers

50 Years of
Excellence

0.7-8 GHz

Commercial Broadband
Power Dividers

- 0°C to +70°C Operation
- Microstrip Construction
- Humidity 95% Non-Condensing
- Suitable for Commercial Applications
- Perform to 0.5 GHz with Minor Degredation

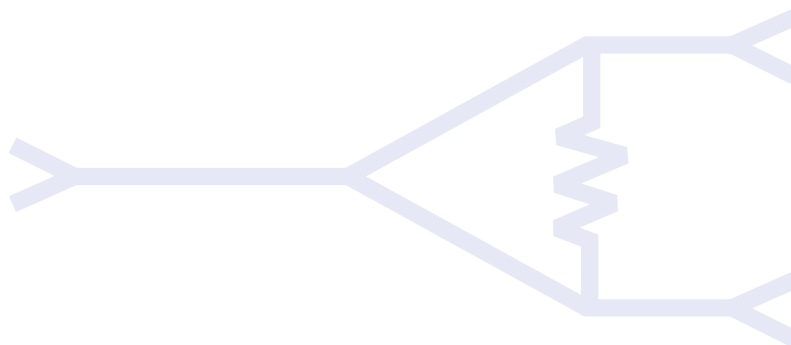


Specifications

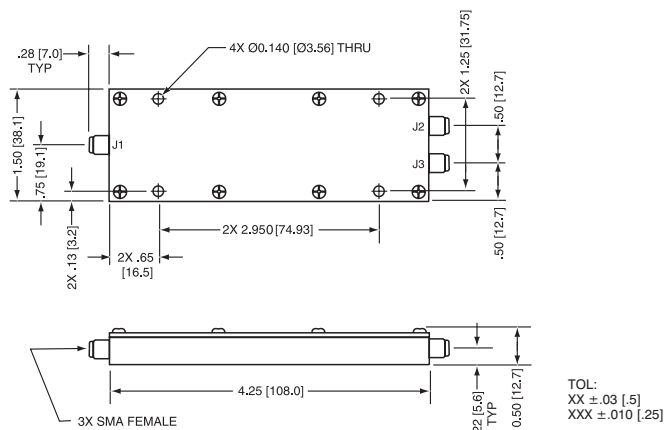
FREQUENCY RANGE GHz	MODEL	VSWR (max)		INSERTION LOSS* dB (max)	ISOLATION dB (min)	PHASE BAL Degree (max)	POWER (max)		WEIGHT	
		INPUT	OUTPUT				INPUT	PEAK	oz	g
0.5-0.7	4436-2	1.80:1	1.50:1	1.3	12	10°	0.5 W	1.5 kW	3.9	110
0.7-6.0		1.35:1	1.25:1	1.0	20	6°	0.5 W	1.5 kW		
6.0-8.0		1.50:1	1.35:1	1.5	18	10°	0.5 W	1.5 kW		
0.5-0.7	4436-3	2.0:1	1.7:1	2.5	12	12°	0.5 W	1.5 kW	4.8	135
0.7-6.0		1.5:1	1.35:1	2.0	18	8°	0.5 W	1.5 kW		
6.0-8.0		1.8:1	1.5:1	3.0	15	12°	0.5 W	1.5 kW		
0.5-0.7	4436-4	1.80:1	1.50:1	1.5	12	10°	0.5 W	1.5 kW	10.2	290
0.7-6.0		1.6:1	1.4:1	3.0	17	6°	0.5 W	1.5 kW		
6.0-8.0		1.80:1	1.5:1	4.5	15	10°	0.5 W	1.5 kW		
0.5-0.7	4436-8	1.80:1	1.7:1	2.0	12	15°	0.5 W	1.5 kW	22.9	650
0.7-6.0		1.6:1	1.5:1	5.0	17	10°	0.5 W	1.5 kW		
6.0-8.0		1.8:1	1.7:1	8.0	15	15°	0.5 W	1.5 kW		

*Insertion loss is in addition to the theoretical (ideal) split loss.

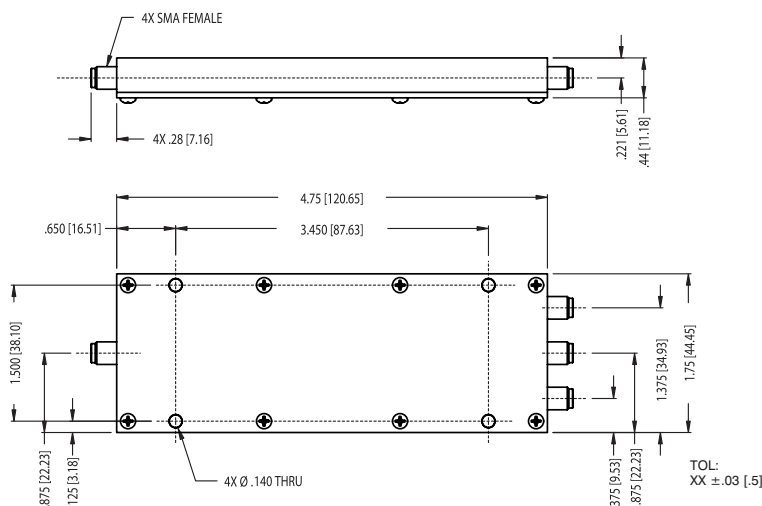
NOTE: All ports are terminated in 50 ohms when not in use.



Outline Drawings



MODEL 4436-2



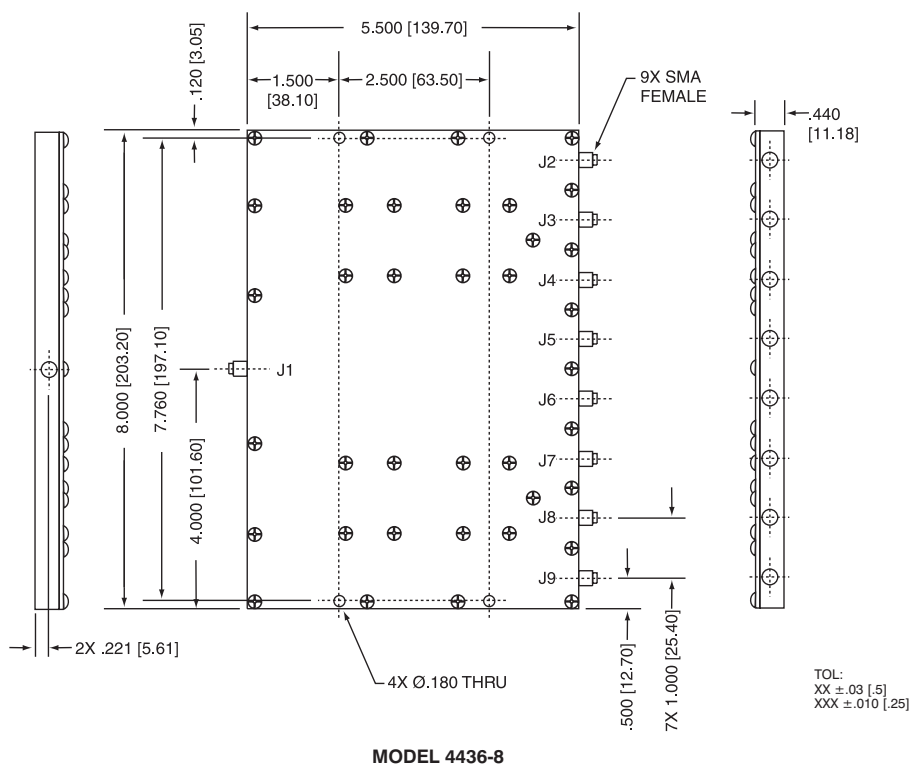
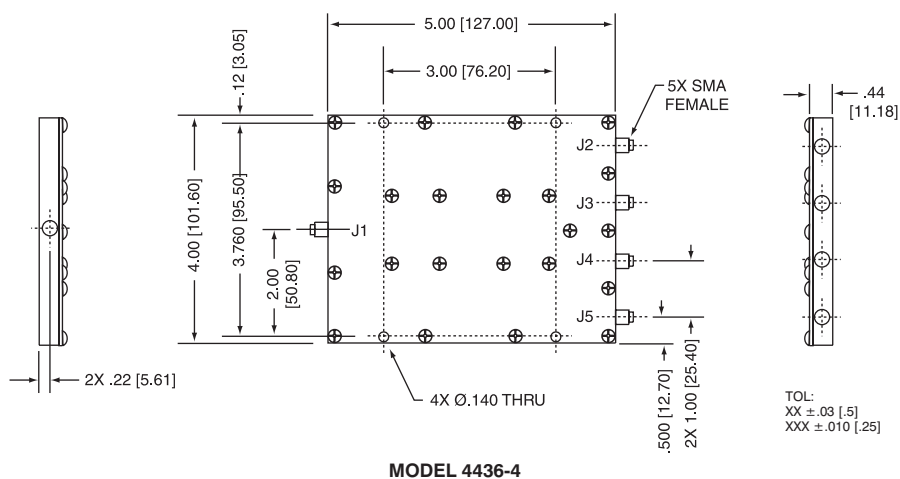
MODEL 4436-3

Dimensions in parentheses are in millimeters and for reference only.

Connectors mate without interference per MIL-STD-348

FINISH: Chemical film per MIL-C-5541, CL 3, CLR.

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Connectors mate without interference per MIL-STD-348

FINISH: Chemical film per MIL-C-5541, CL 3, CLR.