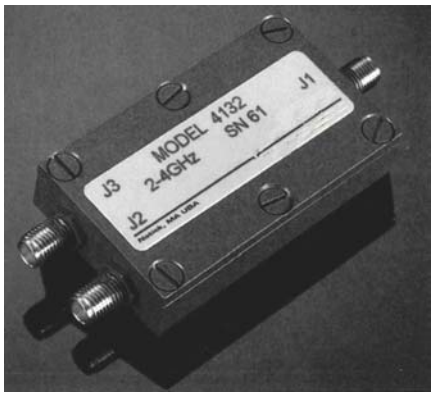


4002 SERIES

FEATURES

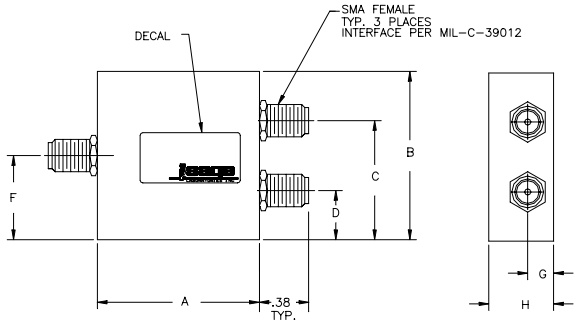
- Designed to Meet MIL-E-5400 Class 3
- SMA Female Connectors per MIL-PRF-39012
- High Isolation Wilkinson Circuit Design

SPECIFICATIONS

Frequency Range GHz	Insertion Loss max (dB) @ f (GHz)	VSWR max Input/Output	Isolation min (dB)	Amplitude Unbalance max (dB)	Phase Unbalance max (Degrees)	Average Power[1] (W) @ 1 GHz	Model
1-2	0.3	1.35/1.35	20	0.2	2	15	4122
2-4	0.3	1.35/1.35	20	0.2	3	5	4132
2.3-4.4	0.4	1.25/1.30	20	0.2	3	2	4132A
3.7-4.2	0.4	1.25/1.30	20	0.2	3	2	4212
4-8	0.4	1.35/1.35	20	0.3	3	2	4142
7.2-10.8	0.6	1.50/1.35	20	0.4	4	2	4152A
2-18	(Note 2)	1.50/1.40	17 (2-3 GHz) 20 (3-5 GHz) 24 (5-18 GHz)	0.2	2 (2-3 GHz) 3 (3-5 GHz) 5 (5-18 GHz)	5	4232

NOTES:
1. Input power with 1.5 max output systems VSWR.
2. 0.6 + .07 x f (GHz) dB max.
3. Input power with 1.5 max output load VSWR. Power handling is reduced when used as a combiner. Consult factory.

OUTLINE DRAWING



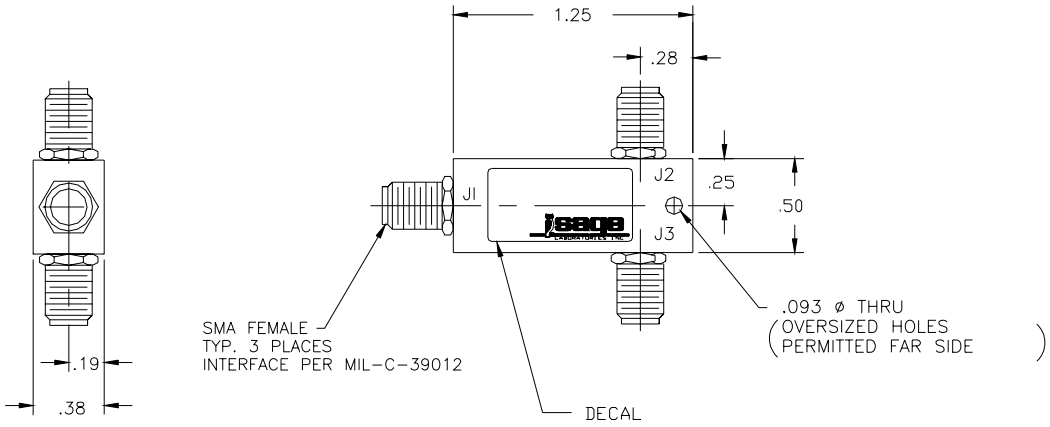
MODELS 4122, 4132, 4132A, 4212, 4142 and 4152A

Spectrum Microwave ● 8 Executive Drive ● Hudson, NH 03051 ● Phone: 603-459-1600 ● Fax: 603.459.1605
www.SpectrumMicrowave.com

Model	A”	B”	C”	D”	E”	F”	G”	H”
4122	4.00	1.30	.92	.38	.38	.65	.20	.50
4132	2.20	1.30	.92	.38	.38	.65	.20	.50
4132A	1.98	1.16	.85	.31	.38	.58	.25	.50
4212	1.98	1.16	.85	.31	.38	.58	.25	.50
4142	1.50	1.00	.70	.30	.38	.50	.20	.50
4152A	1.42	1.16	.85	.31	.38	.58	.25	.50

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)
4122	(10,16)	(3,30)	(2,34)	(0,97)	(0,97)	(1,65)	(0,51)	(1,27)
4132	(5,59)	(3,30)	(2,34)	(0.97)	(0,97)	(1,65)	(0,51)	(1,27)
4132A	(5,03)	(2,95)	(2,16)	(0,79)	(0,97)	(1,47)	(0,64)	(1,27)
4212	(5,03)	(2,95)	(2,16)	(0,79)	(0,97)	(1,47)	(0,64)	(1,27)
4142	(4,06)	(2,54)	(1,78)	(0,76)	(0,97)	(1,27)	(0,51)	(1,27)
4152A	(3,61)	(2,95)	(2,16)	(0,79)	(0,97)	(1,47)	(0,64)	(1,27)

OUTLINE DRAWING



MODEL 4232

MISCELLANEOUS:

1. Spectrum Microwave “Standard Warranty and Order Terms and Conditions” apply to all orders.
2. All specifications subject to change without notice.
3. Check “Ordering and Availability Listing” for delivery and ordering information.
4. Contact our local Manufacturers Representative for pricing.

Specification Revision - 072710