

4003 SERIES

FEATURES

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

SPECIFICATIONS

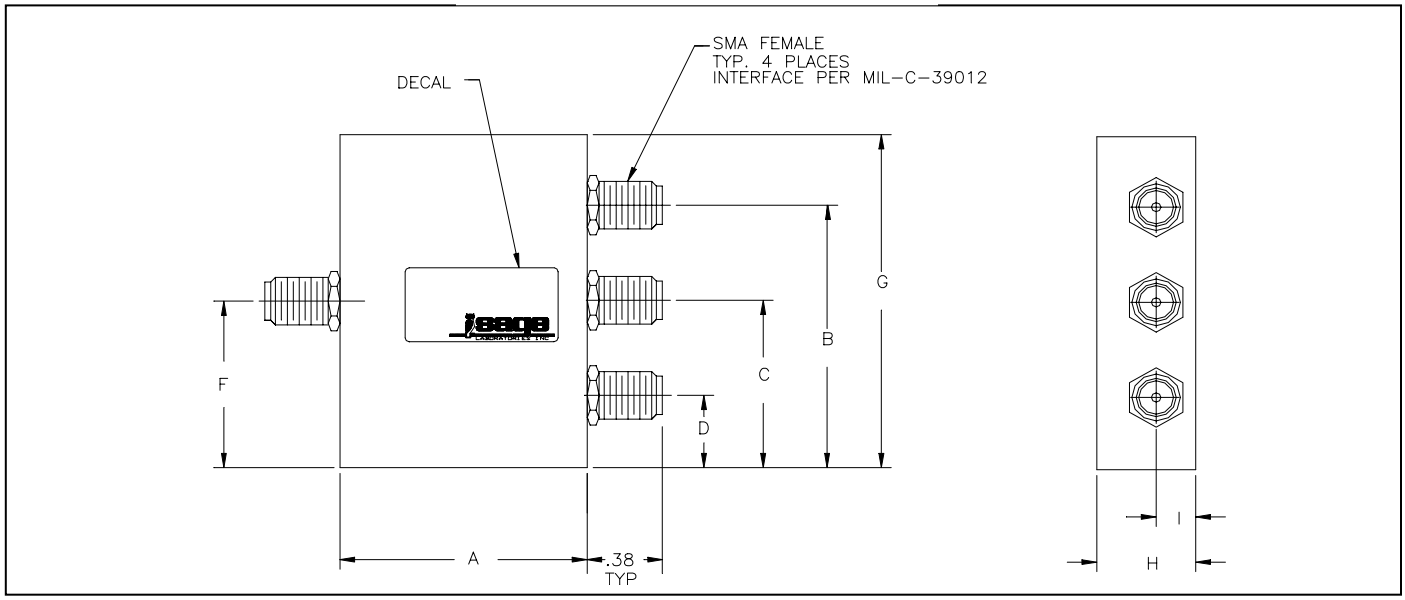
Frequency Range GHz	Insertion Loss max (dB) @ f (GHz)	VSWR max Input/Output	Isolation min (dB)	Amplitude Unbalance max (dB)	Phase Unbalance max (Degrees)	Average Power[1] (W) @ 1 GHz	Model
1-2	0.3	1.30/1.50	19	0.5	3[2]	20	4123
1.090	0.5	1.30/1.30	20	0.5	2	5	4123A
2-4	0.5	1.50/1.50	19	0.5	4[2]	20	4133

NOTES:

1. Input power with 1.5 max output system VSWR.
2. To equalize the phase at all three ports, add an additional external line length to J3 equivalent to a 0.9 cm air line.
3. Input power with 1.5 max output load VSWR. Power handling is reduced when used as a combiner. Consult factory.

OUTLINE DRAWING

MODELS 4123, 4123A AND 4133



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”	I”
4123	3.72	1.38	.88	.38	.38	.88	1.75	.50	.20
4123A	2.50	1.99	1.24	.50	.40	1.24	2.50	.50	.20
4133	2.32	1.38	.88	.38	.38	.88	1.75	.50	.20

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)
4123	(9,45)	(3,51)	(2,24)	(0,97)	(0,97)	(2,24)	(4,45)	(1,27)	(0,51)
4123A	(6,35)	(5,05)	(3,15)	(1,27)	(1,02)	(3,15)	(6,35)	(1,27)	(0,51)
4133	(5,89)	(3,51)	(2,24)	(0,97)	(0,97)	(2,24)	(4,45)	(1,27)	(0,51)

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