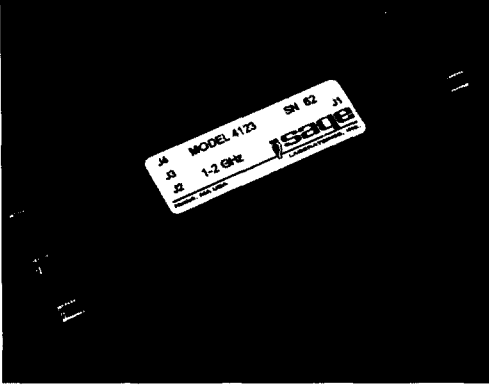


# THREE - WAY

## 1 to 18 GHz



### 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 <sup>1</sup> (W) @ 1 GHz	Model
1-2	0.3	1.30/1.50	19	0.5	3 <sup>2</sup>	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 <sup>2</sup>	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.

Model	A	B	C	D	E	F	G	H	I
4123	3.72 (9,45)	1.38 (3,50)	.88 (2,23)	.38 (0,96)	.38 (0,96)	.88 (2,23)	1.75 (4,44)	.50 (1,27)	.20 (0,51)
4123A	2.50 (6,35)	1.99 (5,05)	1.24 (3,15)	.50 (1,27)	.40 (1,01)	1.24 (3,15)	2.50 (6,35)	.50 (1,27)	.20 (0,51)
4133	2.32 (5,89)	1.38 (3,50)	.88 (2,23)	.38 (0,96)	.38 (0,96)	.88 (2,23)	1.75 (4,44)	.50 (1,27)	.20 (0,51)

**OUTLINE DRAWING**

