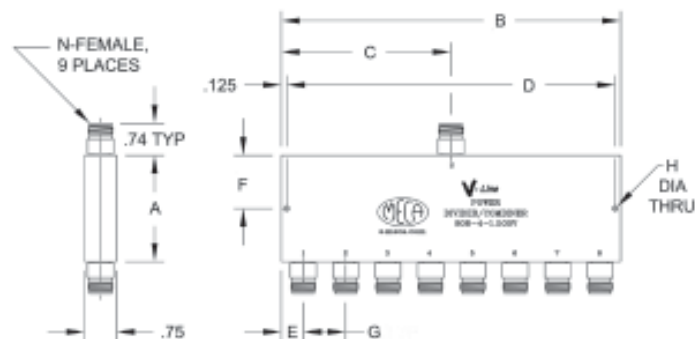


POWER DIVIDER/COMBINERS



8-Way, 20 watts, N-Female: 808-4 Series



Drawing	A	B	C	D	E	F	G	H
1	2.50	8.00	4.00	7.75	0.50	1.25	1.00	.125
2	3.00	8.00	4.00	7.75	0.50	1.25	1.00	.156

* All dimensions are in inches.

MECA's compact, microstrip divider/combiners provide minimal insertion loss while delivering high isolation between output ports with exceptional phase and amplitude balance. The Wilkinson divider/combiners in this series cover a wide frequency range from 0.8 to 4.2 GHz for narrow, octave and multi-octave band applications, and are furnished with N-Female connectors, gold-plated contact pins, virgin electrical grade PTFE insulation within the connectors and a rugged aluminum housing for superior shielding of the divider circuitry.

Catalog Number	Frequency (GHz)	Isolation (dB)		Insertion Loss (dB) _i		Amplitude Balance (dB) (Max)	Phase Balance (degrees) (Max)	VSWR				Outline Drawing
								Input		Output		
		Typ	Min	Typ	Max			Typ	Max	Typ	Max	
808-4-0.900	0.800 - 1.000	32	27	0.80	1.00	0.2	3	1.20:1	1.25:1	1.10:1	1.15:1	1
808-4-1.500V	0.800 - 2.200	27	22	0.80	1.20	0.2	8	1.25:1	1.35:1	1.10:1	1.20:1	1
808-4-1.900	0.800 - 3.000	25	20	1.00	1.40	0.3	8	1.30:1	1.40:1	1.10:1	1.20:1	2
808-4-2.100	1.500 - 2.700	30	25	0.80	0.90	0.2	4	1.15:1	1.20:1	1.10:1	1.15:1	1
808-4-3.100	2.000 - 4.200	27	22	0.80	1.00	0.2	4	1.30:1	1.40:1	1.15:1	1.25:1	1

V-Line power divider/combiners are dual-band (0.800 - 2.200 GHz) and are ideally suited for your applications where value, high performance and quality must be achieved through low cost.

Notes:

- 1.) Above 9.03 theoretical insertion loss due to split.
- 2.) All units rated for 20 watts maximum input power with load VSWR of 1.20:1 or better.
- 3.) 50 ohm nominal impedance standard.
- 4.) All output ports are in-phase (0° difference).
- 5.) Operating temperature from -55° C to +85° C.
- 6.) N-Male, SMA-Female and TNC connectors are also available in this series.

Customized solutions at off-the-shelf prices!

Custom configurations with special frequency bands, high isolation, alternate connector styles, rack mounting, high power combining or weatherproofing are available. **If you don't see what you want, call us.**



This item is guaranteed in stock and ready to ship at our On-line \$store www.e-meca.com

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