Power Dividers

0.5-6 GHz

Power Combiners / Dividers: 0.5 to 6 GHz

- Can Combine Very High Power Non-Coherent Signals

Specifications

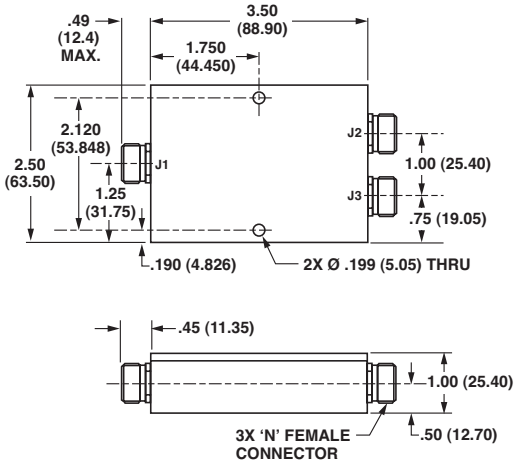
Type N, 2-Way, 0.5 to 6 GHz

FREQUENCY RANGE (GHz)	MODEL	VSWR (max.) INPUT (into 50Ω)	VSWR (max.) OUTPUT (into 50Ω)	INSERTION LOSS* (dB max.)	ISOLATION (dB min.)	AMPLITUDE BALANCE (dB max.)	PHASE BALANCE (typical)	TOTAL CW INPUT POWER** (W max.) ANY LOAD	TOTAL CW INPUT POWER** (W max.) 2:1 MATCH	TOTAL CW INPUT POWER** (W max.) 1.2:1 MATCH	PEAK POWER (kW max.)	WEIGHT (MAX.) oz.	WEIGHT (MAX.) gr.
0.5-2.5	2372A-2	0.5-0.7 GHz: 2.25 0.7-2.5 GHz: 1.5	1.4	0.5-0.7 GHz: 0.60 0.7-2.5 GHz: 0.40	.5 -.7 GHz. 13 .7-2.5 GHz 18	0.30	±5°	100	220	250	2	14.0	396
0.5-6.0	2382-2	0.5-1 GHz: 2.2 1-6 GHz: 1.5	1.5	0.5-4.5 GHz: 1 4.5-6 GHz: 1.5	0.5-1 GHz: 9 1-6 GHz: 17	0.40	±7°	100	220	250	2	14.0	396

* Insertion Loss does not include the ideal 2-way split of 3.01 dB
** Full Power Handling (as divider or combiner) with case temperature limited to +85° C max., power derated to 0% of full rated power at +125° C case temperature

NOTES:
Power input at combiner (non-coherent signals) is limited to 125 W per signal (all VSWR conditions) with case temperature maintained at +85° C max.

Outline Drawing



MODELS 2372A-2 and 2382-2

Dimensions in inches (mm in parentheses), unless otherwise specified.

narda microwave-east an L3 company
www.nardamicrowave.com **E-MAIL:** nardaeast@L-3com.com **TEL:** +1 631 231-1700