

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.)		INSERTION LOSS* (dB max.)	ISOLATION (dB min.)	AMPLITUDE BALANCE (dB max.)	PHASE BALANCE (typical)	TOTAL CW INPUT POWER** (W max.)			PEAK POWER (kW max.)	WEIGHT (MAX.)	
		INPUT (into 50Ω)	OUTPUT (into 50Ω)					ANY LOAD	2:1 MATCH	1.2:1 MATCH		oz.	gr.
0.7-2.5	2372A-2	0.7-0.8 GHz: 1.5		0.45	18	0.25	±5°	100	175	300	2	14.0	396
		0.8-2.4 GHz: 1.3	1.3										
		2.4-2.5 GHz: 1.5											
0.5-6.0	2382-2	0.5-1 GHz: 2.2	1.5	0.5-4.5 GHz: 1	0.5-1 GHz: 9	0.40	±7°	100	220	250	2	14.0	396
		1-6 GHz: 1.5		4.5-6 GHz: 1.5									

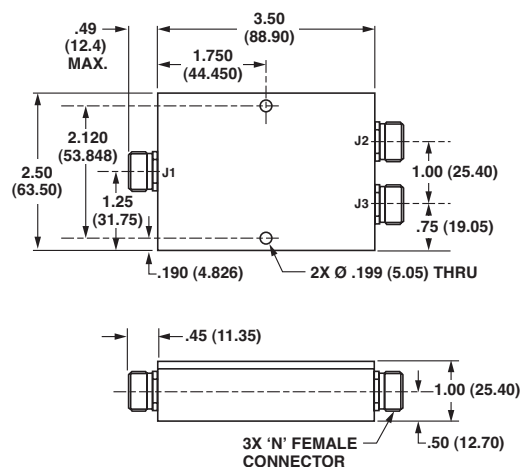
* Insertion Loss does not include the ideal 2-way split of 3.01 dB

** 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.