Professional Series
Line Matching Transformers





Model 9308 Line Matching Transformer

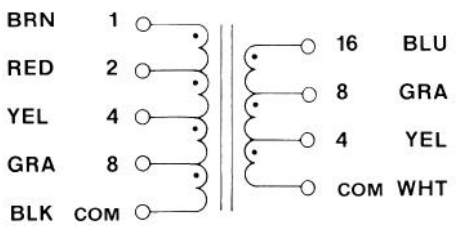
The JBL Model 9308 is a versatile, wide-band matching transformer used to connect 4-ohm, 8-ohm, or 16-ohm loudspeakers to a 70-volt audio line. Primary power taps are provided at 1, 2, 4, and 8 watts. The 200 mm (8-inch) wire leads permit convenient connections. The frequency response of the 9308 is 30 Hz to 15 kHz, ±1 dB, and total harmonic distortion is less than 1% in any configuration.

Model 9375 Line Matching Transformer

A 100-watt, wide-band autotransformer, the Model 9375 is designed for matching and balancing components in JBL professional speaker clusters. The 9375 allows matching 4-ohm, 8-ohm, 16-ohm, and 32-ohm loads in any combination; as an example, it may be used to match two 16-ohm high frequency drivers to a 16-ohm network. Frequency response is 30 Hz to 16 kHz, +0, −1 dB, and total harmonic distortion is less than 1% in any configuration.

JBL

9308 Schematic

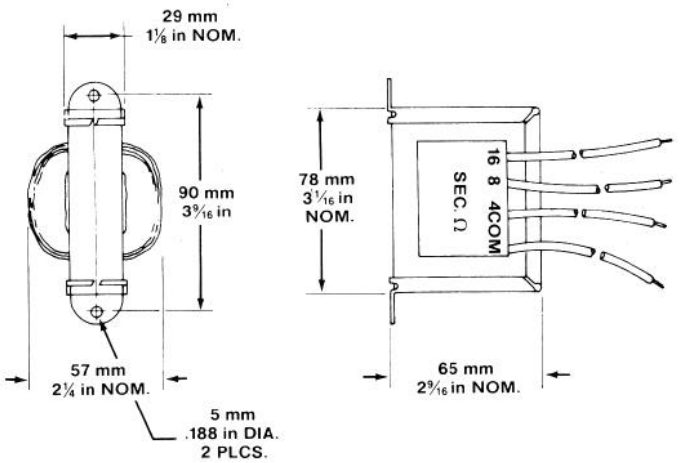


PRIMARY (WATTS)

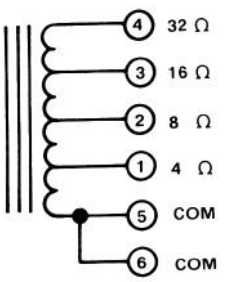
SECONDARY (IMPEDANCE IN OHMS)

Specifications	
9308	
Power Level	8 W at 70.7 V
Insertion Loss	0.5 dB maximum
Frequency Response	30 Hz to 15 kHz, ±1 dB, all taps, at rated power and load
9375	
Power Level (4 Ω to 32 Ω step-up)	100 W at less than 1% THD, 30 Hz - 16 kHz 200 W at less than 2% THD, 500 Hz - 16 kHz
Insertion Loss	0.3 dB maximum, mid-band 1 dB maximum, 30 Hz - 16 kHz at 100 W
Power Response (100 W)	30 Hz - 16 kHz, +0, −1 dB

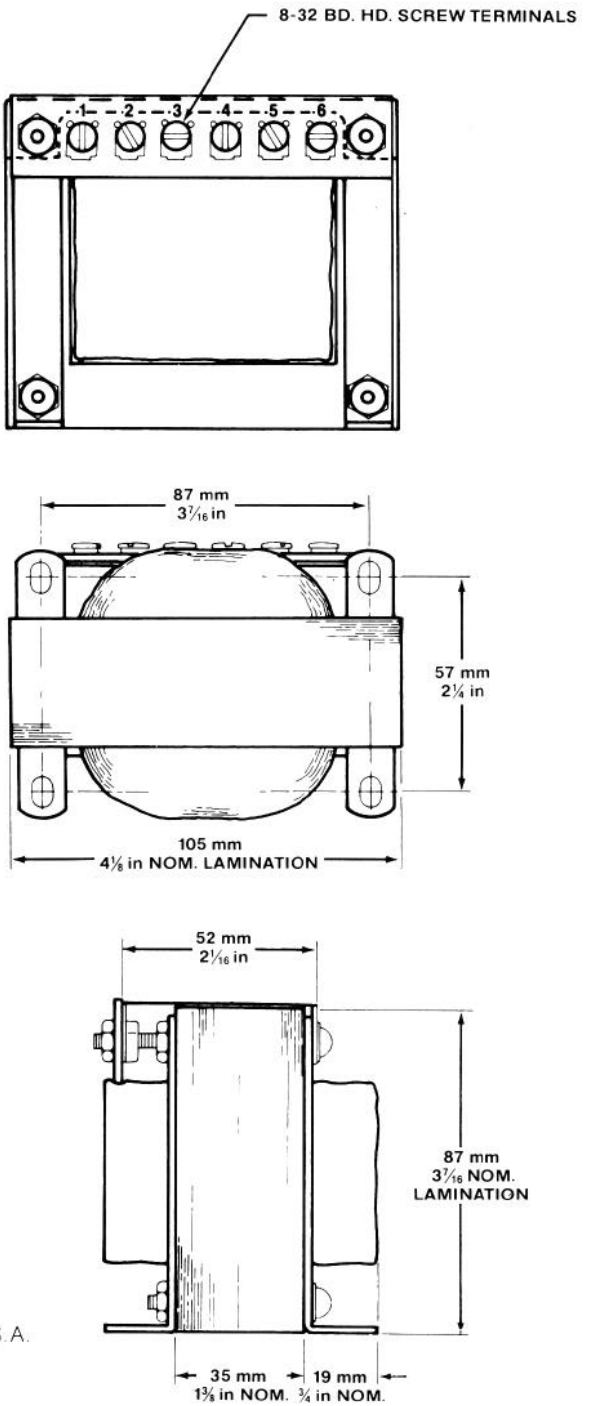
9308 Dimensions



9375 Schematic



9375 Dimensions



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