

Model **TLN Series** Line Matching Transformers

Lowell transformers have been developed for high quality audio systems and general purpose paging applications where wide frequency response, low insertion loss, and high power handling are critical considerations. The TLM series features the industry standard open-housing design and color-coded leads for fast installation.

A&E Specifications

The line matching transformer shall be Lowell Model ______ (TLM-425, TLM-425T, TLM-470, TLM-470T, TLM-870, TLM-25T). Primary voltage shall be ______ (70V, 25V) with a power rating of ______ (8W, 4W). All taps shall have color-coded leads with primary taps available at ______ (8/2/1/0.5, 8/4/2/1) watts and secondary impedance taps available at ______ (8,4) ohms. Frequency response shall be ______ (60Hz-15kHz ±1dB, 50Hz-15kHz ±1dB) with insertion loss not to exceed 0.8 dB.



Model TLM-425



Model TLM-870



Model TLM-470



Model No. Summarv

| Model No. | Primary Voltage | Power Rating | Primary Taps | Secondary Impedance | Core Size (in) | Insertion Loss | Frequency Response | Lead Length (in) | Leads |
|-----------|--------------------|-----------------|-----------------|------------------------|-------------------|-------------------|-----------------------|---------------------|---------|
| TLM-425 | 25V | 4W | 4, 2, 1, 0.5W | 8 ohms | .625 X .625 | .8dB | 60Hz-15kHz ±1dB | 8 | std |
| TLM-425T | 25V | 4W | 4, 2, 1, 0.5W | 8 ohms | .625 X .625 | .8dB | 60Hz-15kHz ±1dB | 8 | Teflon* |
| TLM-25T | 25V | 4W | 4, 2, 1, 0.5W | 8 ohms | .625 X .625 | .8dB | 60Hz-15kHz ±1dB | 8 | Teflon* |
| | | | | | | | | | |
| TLM-470 | 70V | 4W | 4, 2, 1, 0.5W | 8 ohms | .675 X .675 | .8dB | 60Hz-15kHz ±1dB | 8 | std |
| TLM-470T | 70V | 4W | 4, 2, 1, 0.5W | 8 ohms | .675 X .675 | .8dB | 60Hz-15kHz ±1dB | 8 | Teflon* |
| | | | | | | | | | |
| TLM-870 | 70V | 8W | 8, 4, 2, 1W | 8,4 ohms | .75 X .75 | .8dB | 50Hz-15kHz ±1dB | 8 | std |

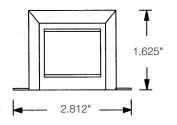
* Teflon-coated

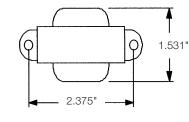
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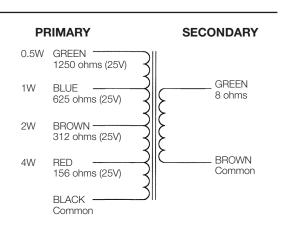


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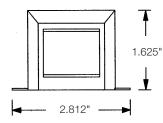
Model TLM-425, TLM-425T, TLM-25T

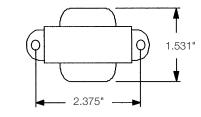






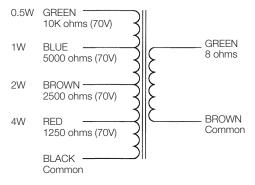
Model TLM-470, TLM-470T



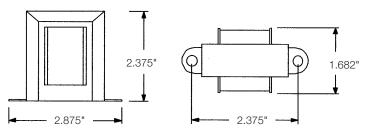


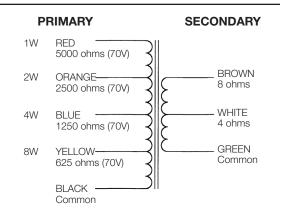
PRIMARY

SECONDARY



Model TLM-870





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