

Model No.

TLS-10070A

Premium Line Matching Transformer



PREMIUM 20/20 TRANSFORMERS (TLS Series) provide true 20Hz–20kHz performance allowing a distributed speaker system to sound imperceptibly the same as a transformer-less direct-to-voice-coil system with the benefit of easier wiring layout, less expensive wire, and reduced labor. The transformer's full frequency response combined its high power handling allow a driver to operate at full potential while providing a stable load to the amplifier.

FEATURES

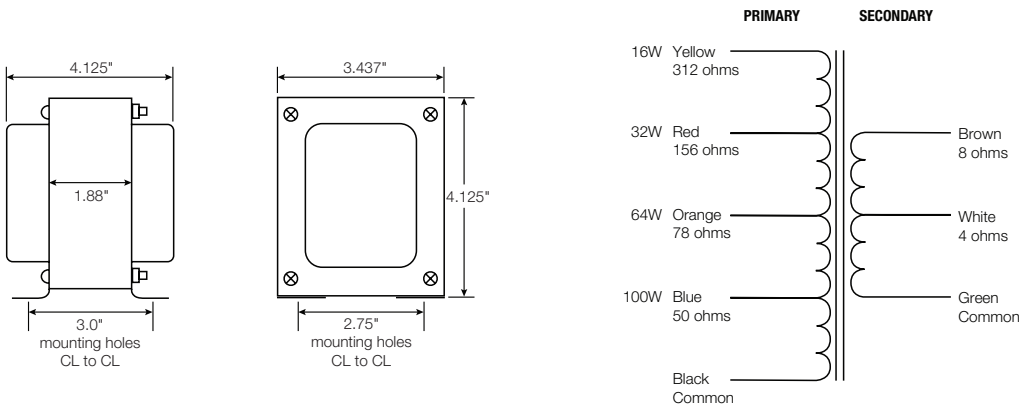
- Primary Voltage: 70V
- Power Rating: 100W
- Primary Taps: 100, 64, 32, 16W
- Secondary Impedance: 8 ohms and 4 ohms
- Frequency Response: 20Hz–20kHz ± 1 dB
- Leads: Color-coded
- Lead Length: 18 inches

A&E SPECIFICATIONS

The line matching transformer shall be Lowell model TLS-10070A. Primary voltage shall be 70V with a power rating of 100 watts and primary taps available at 100, 64, 32 and 16 watts. Secondary impedance taps shall be available at 8 ohms and 4 ohms. All taps shall have clearly marked color-coded leads. The transformer's frequency response shall be 20Hz–20kHz ± 1 dB with insertion loss not to exceed 0.6dB.

TECHNICAL DRAWINGS:

Dimensions are inches unless stated otherwise.



TLS SERIES SUMMARY

Model No.	Primary Voltage	Power Rating	Primary Taps	Secondary Impedance	Core Size	Insertion Loss	Frequency Response	Lead Length	Weight (lbs)
TLS-3270	70V	32W	32, 16, 8W	8, 4 ohms	1.25" x 1.25"	.6dB	20Hz-20kHz ± 1 dB	18	4.7
TLS-10070A	70V	100W	100, 64, 32, 16W	8, 4 ohms	3.25" x 2.50"	.6dB	20Hz-20kHz ± 1 dB	18	7.5

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