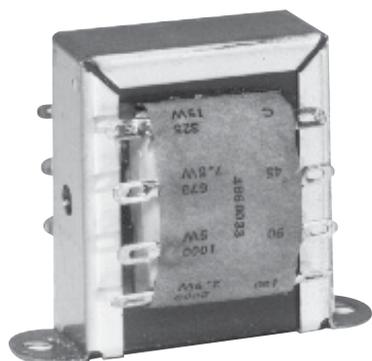


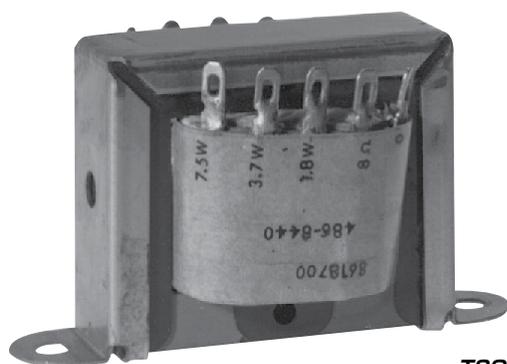


Line Matching Transformers

Transformers



T10



T20

Features

- Element Resistant Components
- Clearly Labeled Solder Connections
- Ideal for Use with Atlas Sound Compression Drivers

Applications

The Atlas Sound T10, T20, and T18 line matching transformers are high power 25V/70.0V transformers that are designed to be used with high output compression drivers.

General Description

Atlas Sound Models T10, T20, and T18 are line matching U-frame, varnish-impregnated transformers. High efficiency units reduce line loss when long transmission cables interconnect amplifier and loudspeakers and when two or more loudspeakers are connected to a common amplifier source. Each unit features element-resistant components and clearly identified terminals for solder connection. All models offer a wide selection of primary and secondary impedance and power taps. See charts on reverse for model specifications and dimensions.

T10 - Power Rating: 15 Watts

Impedance	@ 70.7V	@25V
8KΩ	.65 Watts	—
4KΩ	1.25 Watts	—
2KΩ	2.5 Watts	.3 Watts
1KΩ	5 Watts	.6 Watts
670Ω	7.5 Watts	.9 Watts
325Ω	15 Watts	1.9 Watts
180Ω	—	3.5 Watts
90Ω	—	7 Watts
45Ω	—	14 Watts

T20 - Power Rating: 30 Watts

Impedance	@ 70.7V	@25V
2,500Ω	1.8 Watts	—
1,300Ω	3.7 Watts	—
666Ω	7.5 Watts	—
333Ω	15 Watts	1.89 Watts
167Ω	30 Watts	3.7 Watts
89Ω	—	7 Watts
45Ω	—	15 Watts

T18 - Power Rating: 60 Watts

Impedance	@ 70.7V	@25V
2KΩ	2.5 Watts	.3 Watts
1KΩ	5 Watts	.6 Watts
500Ω	10 Watts	1.25 Watts
250Ω	20 Watts	2.5 Watts
125Ω	40 Watts	5 Watts
85Ω	60 Watts	7 Watts
45Ω	—	14 Watts

©2011 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. AT5004129 RevA 7/11

©2011 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. AT5004129 RevA 7/11

Specifications

T20

Primary Volts	70.7V / 25V
Frequency Response	60Hz – 20kHz (±1.5dB)
Primary Taps	See Previous Page
Secondary Impedance	8Ω
Maximum Insertion Loss	.5dB
Primary Terminations	Solder Lugs
Secondary Terminations	Solder Lugs
Core-Size	5/8" x 5/8" (16mm x 16mm)
Power Rating	30 Watts

T18

Primary Volts	70.7V / 25V
Frequency Response	60Hz – 20kHz (±1.5dB)
Primary Taps	See Previous Page
Secondary Impedance	4, 8 & 16Ω
Maximum Insertion Loss	.5dB
Primary Terminations	Solder Lugs
Secondary Terminations	Solder Lugs
Core-Size	7/8" x 7/8" (22mm x 22mm)
Power Rating	60 Watts

T10

Primary Volts	70.7V / 25V
Frequency Response	60Hz – 20kHz (±1.5dB)
Primary Taps	See Previous Page
Secondary Impedance	4, 8 & 16Ω
Maximum Insertion Loss	.5dB
Primary Terminations	Solder Lugs
Secondary Terminations	Solder Lugs
Core-Size	5/8" x 5/8" (16mm x 16mm)
Power Rating	15 Watts

Transformer Dimensions

T10

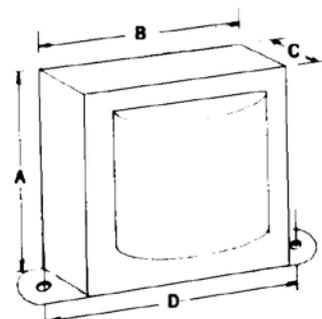
A	1 7/8" (48mm)
B	1 5/8" (41mm)
C	1 1/16" (7mm)
D	2" (51mm)
Weight	.6 lbs. (.27 kg.)

T20

A	1 5/8" (41mm)
B	1 15/16" (49mm)
C	3/4" (19mm)
D	2 3/8" (60mm)
Weight	.5 lbs. (.23 kg.)

T18

A	2 1/4" (57mm)
B	2 11/16" (68mm)
C	1" (25mm)
D	3 3/8" (79mm)
Weight	1.3 lbs. (.59 kg.)



Solder Wire Code Diagrams

