



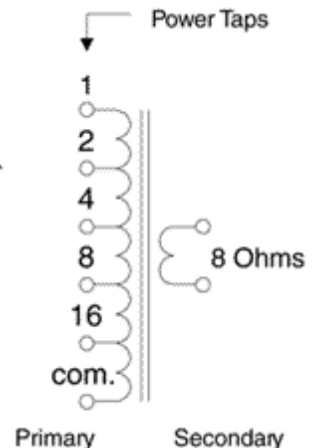
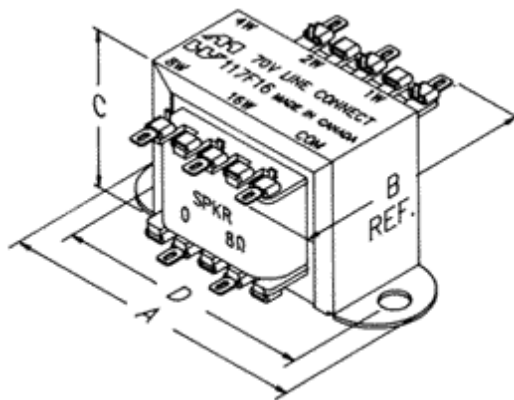
Quality Products. Service Excellence.

Audio Sound Distribution Line Matching 117 Series

Features



- Couple 3.2, 8 or 16 ohm speakers to 25 or 70 volt line outputs of amplifiers.
- Up to 5 power tap levels available (except 117F2 which has 4).
- Primary taps marked in watts (no calculation necessary), to match speaker power.
- For speaker matching from older "Classic" 600 Ohm equipment - check out our **119DA** matching transformer.
- Frequency response 100 Hz. to 9 KHz. (1 db. reference @1 KHz.)
- Insertion loss less than 2 db.
- Distortion is less than 1.25% @ 100 Hz. at maximum power.
- Horizontal, channel bracket, 2-hole (.187" dia.) mounting.
- All models have solder lugs, also suitable for slip on jumper connections.
- Total power requirements of speakers should not exceed the rated power of each transformer or rated power of the amplifier.



Part No.	System	Power Rating	Audio Power	Voice Coil Impedance	Mounting	Wt.	Overall Dimensions			
	Volts	(Watts)	Taps	(Ohms)	Centers	(lbs.)	A	B	C	D
117F2	70	2	2, 1, 1/2, 1/4	8	2.00	0.5	2.38	1.38	1.38	2.00
117E4	70	4	4, 2, 1, 1/2, 1/4	3.2	2.38	0.6	2.81	1.50	1.69	2.38
117F4	70	4	4, 2, 1, 1/2, 1/4	8	2.38	0.6	2.81	1.50	1.69	2.38
117E8	70	8	8, 4, 2, 1, 1/2	3.2	2.81	0.9	3.25	1.75	2.00	2.81
117F8	70	8	8, 4, 2, 1, 1/2	8	2.81	0.9	3.25	1.75	2.00	2.81
117E16	70	16	16, 8, 4, 2, 1	3.2	3.13	1.5	3.69	2.00	2.31	3.13
117F16	70	16	16, 8, 4, 2, 1	8	3.13	1.5	3.69	2.00	2.31	3.13
117G16	70	16	16, 8, 4, 2, 1	16	3.13	1.5	3.69	2.00	2.31	3.13
117F32	70	32	32, 16, 8, 4, 2	8	3.56	2.3	4.03	2.25	2.63	3.56
117J4	25	4	4, 2, 1, 1/2, 1/4	3.2	2.38	0.6	2.81	1.50	1.69	2.38
117K4	25	4	4, 2, 1, 1/2, 1/4	8	2.38	0.6	2.81	1.50	1.69	2.38
117J8	25	8	8, 4, 2, 1, 1/2	3.2	2.81	0.6	3.25	1.75	2.00	2.81
117K8	25	8	8, 4, 2, 1, 1/2	8	2.81	0.6	3.25	1.75	2.00	2.81
117K16	25	16	16, 8, 4, 2, 1	8	3.13	1.5	3.69	2.00	2.31	3.13
117K32	25	32	32, 16, 8, 4, 2	8	3.56	2.3	4.03	2.25	2.63	3.56

Tags: **audio transformer, speaker, amplifier, line matching, distortion, bracket mount**

Data subject to change without notice

© 2024. Hammond Manufacturing Ltd. All rights reserved.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hammond:](#)

[117K32](#) [117K16](#) [117J8](#) [117F8](#) [117F4](#) [117F2](#) [117J4](#) [117E8](#) [117E4](#) [117G16](#) [117E16](#) [117F16](#) [117F32](#) [117K8](#)
[117K4](#)