HAMMOND

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Studio Grade Impedance Matching Transformers *1140 Series*



Features

- Designed with Nickel alloy cores for high performance and Wide Bandwidth
- Frequency Response: 20 Hz – 20 kHz ±0.35 dB, (ref. @ 1 kHz)
- Low distortion at levels up to +27 dBu @ 20 Hz.
- Excellent Shielding – Mu Metal enclosures
- Line Output Transformers are open style (not Mu Metal)







RoHS

Microphone Input Transformers

Part No.	Impedance Ratio	Turns Ratio	Max Input @ 20Hz	THD @ 20Hz	Frequency Response 20Hz / 20kHz
1140-MN-A	150:15K	1:10	-2.5 dBu	0.02%	-0.05 dB/ -0.06 dB
1140-MN-B	150: 3.8K	1:5	+7.0dBu	0.015%	-0.04 dB/ +0.00 dB

Microphone Splitter Transformers

Part No.	Impedance Ratio	Turns Ratio	Max Input @ 20Hz	THD @ 20Hz	Frequency Response 20Hz / 20kHz
1140-MS-A	150:150	1:1	+2.0 dBu	0.05%	-0.14 dB/-0.06 dB
1140-MS-B	150:150:150	1:1	+2.0 dBu	0.030%	-0.08 dB/+0.06 dB
1140-MS-C	150:150:150:150	1:1:1:1	+11 dBu	0.030%	-0.05 dB/+0.20 dB

Line Input Transformers

Part No.	Impedance Ratio	Turns Ratio	Max Input @ 20Hz	THD @ 20Hz	Frequency Response 20Hz / 20kHz
1140-LN-A	10k:20k	1:1.414	+16 dBu	0.02%	-0.04 dB/+0.10 dB
1140-LN-B	10K:10K	1:1	+20 dBu	0.020%	-0.03 dB/+0.10 dB
1140-LN-C	36K:2.2K / 10K:600	4:1	+26 dBu	0.015%	-0.20 dB/+0.05 dB
1140-LN-D	40K:2.4K	4:1	+21 dBu	0.060%	-0.12 dB/+0.06 dB
1140-LN-E	600:600	1:1	+19 dBu	0.020%	-0.06 dB/+0.00 dB

Line Output Transformers

Part No.	Impedance Ratio	Turns Ratio	Max Input @ 20Hz	THD @ 20Hz	Frequency Response 20Hz / 20kHz
1140-LU-A	10K:600	4:1	+23 dBu	0.00%	-0.06 dB/+0.04 dB
1140-LU-B	600:600	1:1	+21 dBu	0.150%	-0.20 dB/+0.03 dB
1140-LU-C	600:600	1:1	+18 dBu	0.001%	-0.05 dB/+0.02 dB
1140-LU-D	600:600	1:1	+24 dBu	0.080%	-0.18 dB/+0.03 dB
1140-LU-E	600:600	1:1	+22 dBu	0.001%	-0.03 dB/+0.02 dB
1140-LU-F	600:150	2:1	+27 dBu	0.001%	-0.01 dB/+0.01 dB
1140-LU-G	600:600	1:1	+27 dBu	0.001%	-0.02 dB/+0.02 dB

open style (not Mu Metal)

Direct Box Transformers

Part No.	Impedance Ratio	Turns Ratio	Max Input @ 20Hz	THD @ 20Hz	Frequency Response 20Hz / 20kHz
1140-DB-A	200K:1.5K	12:1	+22 dBu	0.02%	-0.07 dB/-0.07 dB

Tags: **audio transformer**, **studio grade**, **mu metal**, **nickel core**, **distortion**, **shielding**, **output**, **input**, **microphone**, **splitter**, **line**, **direct box**

Data subject to change without notice

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