

Terry Audio – UI-55 Split Repeat Coil Layer Wound Transformer

The UI-55 transformer was designed, wound and tuned with the intent to bring a high quality repeat coil transformer back into existence using traditional 'layer wound' methods with laminations and layer insulation found in older Peerless and related sub-contracted transformers. The sonic signature was specifically adapted to get the best of those classic and familiar tones inside classic hard-to-find designs and winds.

Furthermore, the UI-55 was designed with no insertion loss, as the secondary was given the slight amount of extra turns necessary to compensate for normal nominal core losses, especially for use in the CEQ for true 'unity gain' auditioning in and out of a circuit.

Specifications:

Dual symmetrical bobbin wind; can be wired 1:1 or 2:1/1:2 if needed

Suitable for Line Input or Line Output duty

Full Primary DCR: 40 ohms; Primary Inductance: 13.6 H

20hz Output Level 1% THD: +19dB

Recommended Secondary Termination: 2.2kOhms, either 1W Carbon Comp or 1W Dale RN60

**For best performance and tone, do not ground the transformer laminations & body*

No Zobel Network needed for 2.2k termination

Connections per coil:

Primary: Brown – Green; Secondary: Orange – Yellow

With Respect to the logo facing you: 'Right' Coil is Coil 1; 'Left' Coil is Coil 2

1:1

Tie: Green 1 to Green 2; Yellow 1 to Yellow 2

Input (+)	Brown ('Right' Coil 1)	Input (-)	Brown - ('Left' Coil 2)
Output (+)	Orange ('Right' Coil 1)	Output (-)	Orange - ('Left' Coil 2)

1:2 Output or Input

Input (+) tie Brown 1 and Green 2

Input (-) tie Brown 2 and Green 1

Tie Yellow 1 to Yellow 2

Output (+) Orange ('Right' Coil 1)

Output (-) Orange ('Left' Coil 2)

2:1 Input or Output

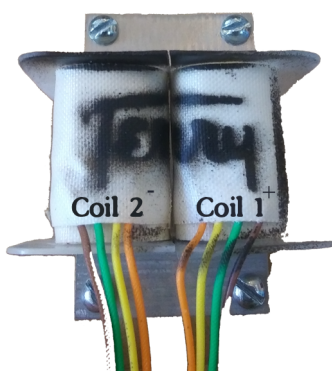
Tie: Green 1 and Green 2

Input (+) Brown ('Right' Coil 1)

Input (-) Brown ('Left' Coil 2)

Output (+) Tie Orange 1 to Yellow 2

Output (-) Tie Orange 2 to Yellow 1



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