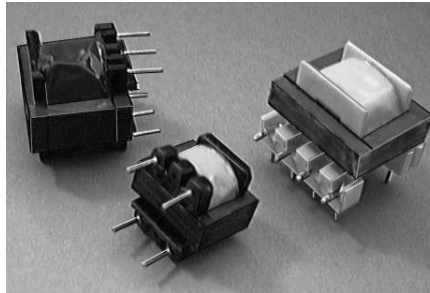


AUDIO, COUPLING TRANSFORMERS

General Purpose

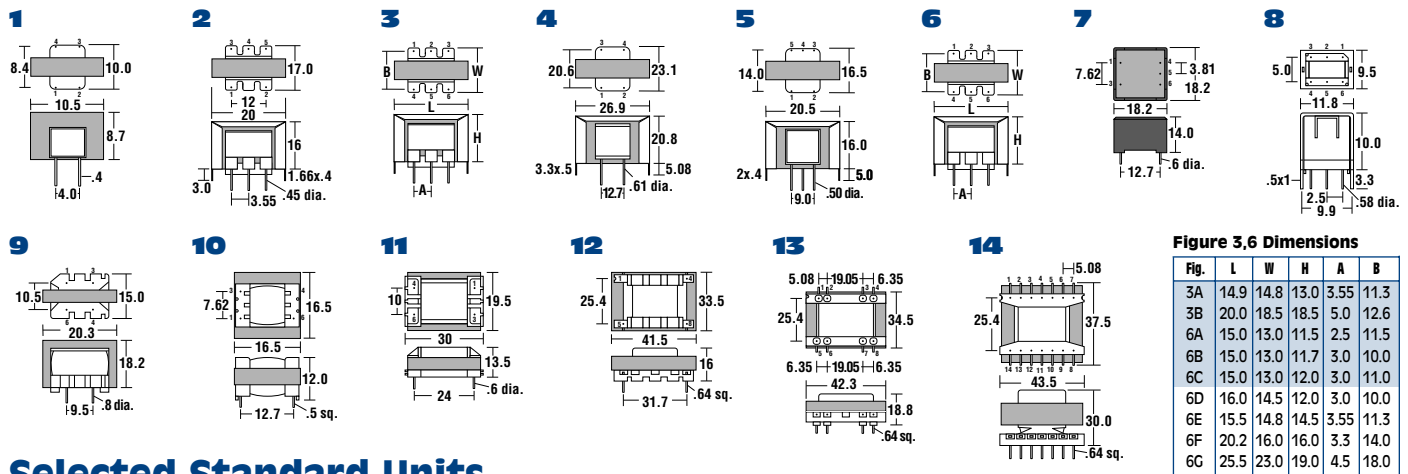
Types:

- ◆ Audio impedance matching
- ◆ Coupling
- ◆ Modem
- ◆ Pulse
- ◆ ISDN and LAN
- ◆ Open or encapsulated construction
- ◆ PC or surface mount



APX excels in the design and production of telephone transformers. Modern offshore manufacturing with stringent quality control afford you the lowest, trouble-free installed cost.

We have the technical expertise to allow you to take your product's performance to where you want, whether your need is general purpose, a plug-in performance upgrade, or a totally new, specialized application.



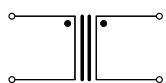
Selected Standard Units

Secondary impedance indicates the terminating resistance value

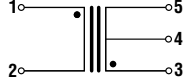
| Part Number | Impedance | | Insertion Loss @1Khz | Return Loss Min @300Hz | Frequency Response 300 to 3500Hz | DCR ±10% | | DC unbal. Current | Dielectric Strength,VAC | Figure/Schematic |
|-------------|-----------|---------|--|------------------------|----------------------------------|----------|-----|-------------------|-------------------------|------------------|
| | PRI | SEC | | | | PRI | SEC | | | |
| AP2711 | 600 | 600 | 1.7 dB | 14 dB | ±1.0 dB | 56 | 72 | 0 | 1200 | 1/1 |
| AP6000 | 600 CT | 470 CT | 1.2 dB | 16 dB | ±.25 dB | 68 | 102 | 0 | 1200 | 8/3 |
| AP1698 | 20K CT | 600 CT | NA | NA | ±1.0 dB | 700 | 65 | 0 | 1200 | 6A/3 |
| AP1696 | 500 CT | 500 CT | 2.0 dB | 21 dB | ±.5 dB | 44 | 34 | 0 | 1000 | 6B/3 |
| AP1649 | 8K CT | 1.7K CT | 2.0 dB | NA | ±1 dB | 500 | 220 | 0 | 1000 | 6C/3 |
| AP1544 | 500 CT | 8 CT | 1.8 dB | NA | ±1 dB | 32 | 1.5 | 0 | 1000 | 6D/3 |
| AP6001 | 600 | 10K | 0.5 dB | 25 dB | ±.15 dB | 18 | 425 | 0 | 1250 | 10/1 |
| AP1456 | 10K CT | 2K CT | 2.0 dB | NA | ±2 dB | 500 | 200 | 0 | 1000 | 3A/3 |
| AP3120 | 600 CT | 600 CT | 1.8 dB | 31 dB | ±0.1 dB | 60 | 50 | 0 | 1000 | 6E/3 |
| AP1695 | 10K CT | 5K CT | 1.9 dB | NA | ±0.5 dB | 950 | 550 | 0 | 1000 | 6F/3 |
| AP1156 | 620 | 620 CT | 1.0 dB | 34 dB | ±0.5 dB | 40 | 35 | 5 mA | 1000 | 2/2 |
| AP2697 | 600 | 600 CT | 2.5 dB | 8 dB | ±3 dB | 65 | 86 | 100 mA | 1500 | 5/2 |
| AP1160 | 300 | 600 | 1.2 dB | 33 dB | ±0.5 dB | 30 | 50 | 0 | 1500 | 3B/4 |
| AP1697 | 48 CT | 8 CT | 2.0 dB | NA | ±1.0 dB | 2.5 | 0.5 | 0 | 1200 | 6G/3 |
| AP6002 | 12K | 2.6K | 1.0 dB | NA | ±.25 dB | 450 | 135 | 0 | 3750 | 7/1 |
| AP6003 | 600 | 600 | 0.8 dB | 26 dB | ±0.5 dB | 37 | 51 | 0 | 1250 | 9/1 |
| AP1139 | 600 | 600 | 1.0 dB | 13 dB | ±1.0 dB | 50 | 30 | 45 mA | 1500 | 4/1 |
| AP3214 | 600 | 600 | 1.8 dB | 8 dB | ±2.0 dB | 72 | 100 | 80 mA | 3750 | 11/1 |
| AP6108 | 600 CT | 600 | 1.2 dB | 27 dB | ±0.5 dB | 65 | 80 | 80 mA | 1500 | 3/5 |
| AP3837 | 600 | 600 | Telephone Feed Coil/1.5 H Min Inductance | | | 210 | 210 | 80 mA | 1500 | 12/1 |
| AP2919 | 600 | 600 | 1.6 dB | 26 dB | ±0.5 dB | 100 | 94 | 75 mA | 1500 | 13/5 |
| AP6004 | 600 | 600 | 0.5 dB | 12 dB | ±0.5 dB | 20 | 20 | 100 mA | 1500 | 14/6 |

* If not listed here, chances are we've made it anyway. Please Fax specs or drawing for a prompt response.

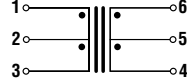
Schematic 1



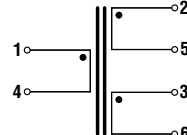
Schematic 2



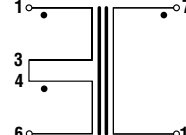
Schematic 3



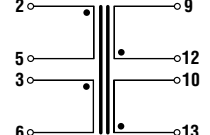
Schematic 4



Schematic 5



Schematic 6



Note: All dimensions in millimeters. Specifications subject to change.

