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Audio Broadcast Quality 800 Series

Note: This product line has been discontinued as a stocked series. Information is for reference only. It has been replaced with **800A Series**. For alternative solution assistance, **contact Hammond here** or call: USA (716) 630-7030, Canada and International (519) 822-2960.

Features



- Deep-drawn steel case with tin plated finish, with two convenient 6-32 mounting studs with hardware.
- Hermetically sealed for stable characteristics and long life. Header has nine 0.22" long solder pins.
- Frequency response +/- 0.5 db max. from 50 Hz. to 15 KHz.
- Insertion loss of apx. 1 db.
- Maximum power level +15 dbm. (except 841, 842 & 844 which are +20 dbm) with specified characteristics, or higher levels with reduced low frequency performance.
- Electrostatic shield between pri. & sec. connected to terminal 9.
- Humbucking construction
- Balanced split windings on pri. & sec. for circuit versatility. Primary may be used as a secondary and vice versa for impedance matching.
- Overall dimensions 1.75" (44.5 mm) wide x 1.25" (31.8 mm) deep x 2.56" (65 mm) high max.
- Shipping weight 0.5 lb. (0.2 kg)



| Part No. | Application | Nominal Impedance (Ohms) | | Max. Primary D.C. Unbalanced Current (ma.) |
|----------|-------------------------------------|-----------------------------|---------------------|--|
| | | Primary | Secondary | |
| 801 | Isolating, Matching | *50/200 | 50/200 | 0.8 |
| 802 | Isolating, Matching | *50/200 (60/240) | 125/500 (150/600) | 0.8 |
| 804 | Isolating, Matching, Hybrid | *125/500 (150/600) | 125/500 (150/600) | 0.5 |
| 806 | Dynamic MIC or Voice Coil to Grid | *7.5/30 | 10K/40K | 1.6 |
| 807 | Dynamic MIC or Voice Coil to Base | *7.5/30 | 600/2400 | 1.6 |
| 808 | MIC or Mixer to Single or P.P. Grid | *50/200 | 10000/40000 | 0.6 |
| 809 | MIC to Mixer to Base | *50/200 | 600/2400 | 0.6 |
| 812 | Line or 150 ohm MIC to 1 or 2 Grids | *125/500 (150/600) | 10K/40K (12K/48K) | 0.4 |
| 813 | Line or 150 ohm MIC to Base | *125/500 (150/600) | 600/2400 (720/2880) | 0.4 |
| 832 | Interstage (ratio 1:2) | 5K/20K | 20K/80K | 0 |
| 834 | Interstage (ratio 1:4) | 5K/20K | 10K/40K | 0 |
| 835 | Interstage (ratio 1:1) | 10K/40K | 10K/40K | 0 |
| 841 | ** P.P. Plates to Line | 5K/20K | 50/200 | 0 |
| 842 | ** P.P. Plates to Line | 5K/20K (6K/24K) | 125/500 (150/600) | 0 |
| 844 | ** P.P. Plates to Line | 10K/40K (12K/48K) | 125/500 (150/600) | 0 |

NOTES:

* Electrostatic shield between primary & secondary

** Single plate requires parallel feed. When operating at impedances below nominal, power capability is lower and the frequency spectrum is shifted downward, conversely, at higher impedances power capability and frequency spectrum will be shifted upward.

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