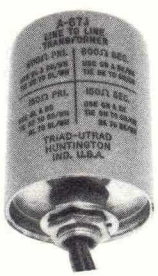
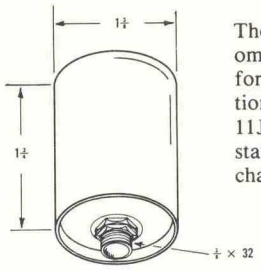
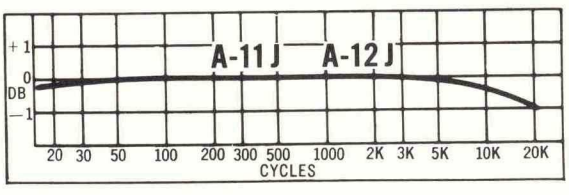
## J SERIES / low level high fidelity

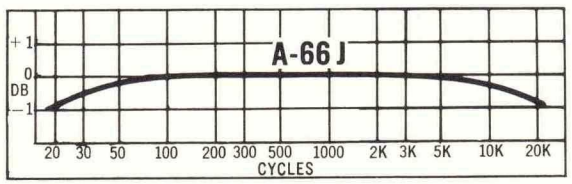





The flexibility of Triad J Series transformers permits amplifiers to exceed broadcast standards. Although economy in construction places them in a lower price class, these units approach and closely approximate the performance characteristics of more costly hermetically sealed units. Features: single-hole mounting, allowing rotation for maximum hum reduction . . . alloy shielding gives 40 to 60 db hum reduction (60 to 80 db in Types A-11J, A-12J, A-13J) . . . wide frequency ranges . . . flexible leads for ease of mounting . . . input units electrostatically magnetically shielded . . . light weight . . . smooth, baked enamel cases, 1⅜" diameter, 1¼" above chassis . . . legible circuit diagrams permanently affixed to every case.

| Type No. | Power Output | Application | Matching Impedance Primary | Matching Impedance Secondary | D.C. Resistance Primary | D.C. Resistance Secondary | Overall Turns Ratio | Freq. Resp. ± 3DB | RMS Test Voltage | Case Type | Connections | Case Dim H | Case Dim D | Mtg. Hole Diameter | Max. Unit Wt. Lbs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A-9J‡ | 1MW | Line or Mike to Grid | 600/250/50 | 85,000 | 32.7 | 3450 | 1:12 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-10J‡ | 1MW | Balanced Line or Mike to Single Grid | 600 CT/150§§§ | 60,000 | 33.7 | 4040 | 1:10.5 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-11J‡ | 10MW | Line or Mike to Grid | 600/250/50 | 60,000 | 50 | 5000 | 1:10 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-12J‡ | 10MW | Balanced Line or Mike to Grid | 600 CT/150§§§ | 60,000 | 50 | 4920 | 1:10 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-13J‡ | 1MW | Line to Line or Transistor | 600/300/200 CT/ 110/50§§§ | 600 CT/ 150§§§ | 62 | 70 | 1:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-14J | 10MW | Balanced Line or Mike to Single Grid | 600 CT/150 | 20,000 | 55 | 1465 | 1:5.77 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .27 |
| A-15J | 10MW | Balanced Line or Mike | 600/250/50 | 20,000 | 53 | 1400 | 1:5.77 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .25 |
| A-52J | 100MW | Line or Transistor to Line or Transistor | 500 CT/125§§§ 20 MA D.C. | 2000 CT/ 500§§§ | 50 | 200 | 1:2 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-56J | 100MW | Line or Transistor to Voice Coil | 500 CT/125§§§ 15 MA D.C. | 16/4§§§ | 50 | 1.5 | 5.6:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-79J | 200MW | Transistor to P-P Transistors or Line | 1000 10 MA D.C. | 200 CT/50§§§ | 302 | 138 | 2.2:1 | 20-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-58J | 100MW | P-P Plates or Transistors to Line or Transistors | 10,000 CT/ 2500§§§ | 2000 CT/ 500§§§ | 1000 | 200 | 2.24:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-40J | 10MW | Plate to 1 or 2 Grids | 15,000 | 115,000 CT | 1540 | 4020 | 1:2.76 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-41J | 32MW | Tube to 1 or 2 Grids | 15,000 8 MA D.C. | 80,000 CT | 1392 | 8109 | 1:2.3 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-55J | 100MW | Plate to Line | 15,000 | 600/250/75 | 1020 | 46 | 5:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-61J | 50MW | Line to 2 simultaneously loaded lines or transistors | 600/150§§§ | 600/150§§§ 600/150§§§ | 47 | 40 40 | 1.4:1:1 | 60-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-65J | 100MW | Single or Push-Pull Plates to Balanced Line | 15,000 CT | 600 CT/150§§§ | 1630 | 73 | 5:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-66J | 100MW | Plate to Line | 15,000 4 MA D.C. | 600/250/ 50 | 1740 | 81.2 | 5:1 | 40-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-68J | 100MW | Sgl. or P-P Plates to Balanced Line | 15,000 CT 4 MA D.C. | 600 CT/150§§§ | 1723 | 81 | 5:1 | 40-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-69J | 100MW | P-P Plates or Bridging to Line | 25,000 CT/ 6250§§§ 2.5 MA D.C. | 500 CT/ 125§§§ | 2500 | 50 | 7.1:1 | 50-20,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-78J | 100MW | 1 or 2 Transistor to Balanced Line | 2,000 CT | 600 CT/150§§§ | 112 | 48.5 | 1.82:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-57J‡ | 50MW | Line or Transistor to Line | 600/250/ 50 | 600/250/ 50 | 40 | 44 | 1:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |
| A-67J‡ | 50MW | Balanced Line to Balanced Line | 600 CT/150§§§ | 600 CT/150§§§ | 43.8 | 44.1 | 1:1 | 30-15,000 | 500 | J | Leads | 1¾ | 1⅜ | ⅜ | .35 |




**PERFORMANCE CURVES**
**A-11J**
**A-12J**
**A-13J**
**A-66J**
**A-68J**