

The 8560AS is intended for use as an RF amplifier or oscillator or in audio amplifier or modulation service. It has electrical characteristics similar but not identical to the 4CX250B/7203. The 8560AS is designed for conduction cooling and is nominally rated for 200 watts anode dissipation.



CHARACTERISTICS

| | |
|--------------------------------|------------------|
| Plate Dissipation (Max.) | 200 Watts |
| Screen Dissipation (Max.) | 12 Watts |
| Grid Dissipation (Max.) | 2 Watts |
| Frequency for Max. rating (CW) | 500 MHz |
| Amplification Factor | 5 |
| Filament/Cathode | Oxide Coated |
| Voltage | 6.3 Volts |
| Current | 2.6 Amps |
| Capacitance | Grounded Cathode |
| Input | 16.5 pf |
| Output | 4.6 pf |
| Feedthrough | .04 pf |
| Capacitance | --- |
| Input | --- pf |
| Output | --- pf |
| Feedthrough | --- pf |
| Cooling | Conduction |
| Base | 9 Pin Special |
| Air Socket | n/a |
| Air Chimney | --- |
| Boiler | --- |
| Length | 2.45 in; 62.1 mm |
| Diameter | 1.63 in; 41.4 mm |
| Weight | 8.2 oz; 235 gm |

| Class of Operation | Type of Service | MAXIMUM RATINGS | | TYPICAL OPERATION | | | | |
|--------------------|------------------------------|-----------------------|----------------------|-----------------------|------------------------|----------------------|---------------------|--------------------------|
| | | Plate Voltage (Volts) | Plate Current (Amps) | Plate Voltage (Volts) | Screen Voltage (Volts) | Plate Current (Amps) | Drive Power (Watts) | Output Power (kiloWatts) |
| C | RF amplifier | 2,000 | 0.25 | 2,000 | 250 | 0.25 | 2.9 | 0.390 |
| C | RF amplifier plate modulated | 1,500 | 0.20 | 1,500 | 250 | 0.20 | 1.7 | 0.235 |
| AB1 | RF linear amplifier | 2,000 | 0.25 | 2,000 | 350 | 0.25 | --- | 0.300 |
| AB1 | RF amplifier or modulator | 2,000 | 0.25 | 2,000 | 350 | 0.50 | --- | 0.600 |

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



For information on this and other CPI products, visit our website at: www.cpii.com, or contact: CPI MPP Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303
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