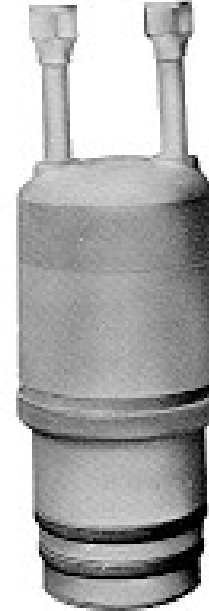


POWER TETRODE

SHORT FORM SPECIFICATION

4CW25000A

| | |
|--------------------------------|---------------------------|
| Plate Dissipation (Max.) | 25000 W |
| Screen Dissipation (Max.) | 450 W |
| Grid Dissipation (Max.) | 200 W |
| Frequency for Max. rating (CW) | 110 MHz |
| Amplification Factor | 4,5 |
| Filament/Cathode | Thoriated Tungsten |
| Voltage | 6,3 V |
| Current | 160,0 A |
| Capacitance | Grounded Cathode |
| Input | 160,0 pF |
| Output | 24,5 pF |
| Feed through | 1,5 pF |
| Capacitance | Grounded Grid |
| Input | 67,0 pF |
| Output | 25,5 pF |
| Feed through | 0,2 pF |
| Cooling | Water and Forced Air |
| Base | Special, Coaxial |
| Air Socket | SK-300A |
| Air Chimney | ----- |
| Length | 12,69in; 322,00 mm |
| Diameter | 4,75 in; 121,00 mm |
| Weight | 13,5 lb; 6,1 kg |
| Operating Position | Vertical, base up or down |



| 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 (Watts) |
| C | RF Amplifier | 10000 | 5,0 | 10000 | 750 | 4,5 | 220 | 36500 |
| C | RF Amplifier Plate Modulated | 8000 | 4,0 | 8000 | 750 | 3,6 | 150 | 23500 |
| AB1 | RF Linear Amplifier | 10000 | 6,0 | 10000 | 1500 | 4,2 | --- | 28500 |
| AB1 | AF Amplifier or Modulator | 10000 | 6,0 | 10000 | 1500 | 8,5 | --- | 57000 |



TUNGSTEN VACUUM ELECTRONICS

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Rétipálya

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