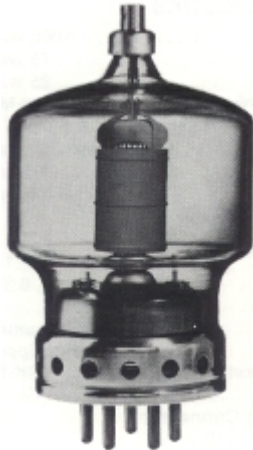




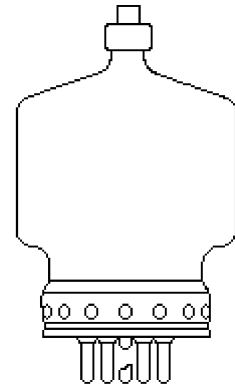
TDP
TUBE 4-250A / 5D22 / QB3.5/750GA

GENERAL DESCRIPTION



The 4-250A / QB3.5/750GA is intended for use as an amplifier, oscillator or modulator. The low grid-plate capacitance of this tetrode coupled with its low driving-power requirement allows considerable simplification of the associated circuit and driver stage.

The 4-250A / QB3.5/750GA is cooled by radiation from the plate and by circulation of forced-air through the base, around the envelope, and over the plate seal.



TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	250 watts
Screen Dissipation (Max.)	35 watts
Grid Dissipation (Max.)	10 watts
Frequency for Max. Ratings (CW)	110 MHz
Cooling	Radiation & Forced Air
Filament	Thoriated Tungsten
Voltage	5.0 volts
Current	14.5 amperes
Capacitances (Gnd. Cath. Connection)	12.7 pF
Input	4.5 pF
Output	0.12 pF
Feed-through	
Amplification Factor (g_1-g_2)	5.1
Transconductance	4000 mhos
Base	5-Pin Special
Recommended Air-System Socket	SK-410
Recommended Air Chimney	SK-406
Recommended Heat Dissipating Connector	HR-6
Maximum Plate Seal Temperature	200°C
Maximum Base Seal Temperature	170°C
Maximum Length	6.38 in; 162.00 mm
Maximum Diameter	3.56 in; 90.40 mm

Weight (approximate) 8 oz; 227 gm
 Operating Position Vertical, base up or down
 Specifications may change without notice

THIS TUBE IS USED IN THE FOLLOWING SHORTWAVE BROADCAST TRANSMITTERS

Manufacturer	Transmitter specifications	Power in kW
Collins	207A-1	10
	207B-1	35
	BHF-10	10
Gates	HF-20 / HF-20 B	20
	HF-100	100

THIS TUBE IS AVAILABLE FROM

Manufacturer	Rebuilder	Distributor
Covimag		Richardson Electronics
Penta Laboratories		Thomas J. Bruckner
Triton ETD		Yeagle Technology, Inc.

PRICE LEVEL (US\$)

1	2	3	4	5	6
0 - 10	10 - 100	100 - 1000	1000 - 10,000	10,000 - 50,000	50,000 - 100,000

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Home Stations	Airtime TDP	Antennas TDPradio	DRM Airtime Transmitters	DRM Stereo Tubes
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