



**TDP**  
**TUBE 4-125A / 4D21 / QB3/300GA / RS 1007**

GENERAL DESCRIPTION



The 4-125A / QB3/300GA / RS 1007 is intended for use as an amplifier, oscillator or modulator. It has a maximum plate voltage rating of 3 kV at frequencies up to 120 MHz.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	125 watts
Screen Dissipation (Max.)	20 watts
Grid Dissipation (Max.)	5 watts
Frequency for Max. Ratings (CW)	120 MHz
Cooling	Radiation & Forced Air
Filament	Thoriated Tungsten
Voltage	5.0 volts
Current	6.5 amperes
Capacitances (Gnd. Cath. Connection)	10.8 pF
Input	3.1 pF
Output	0.05 pF
Feed-through	
Amplification Factor ( $g_1-g_2$ )	5.9
Base	5-Pin Special
Recommended Air-System Socket	SK-410
Recommended Heat Dissipating Connector	HR-6
Maximum Seal Temperature	200°C
Maximum Envelope Temperature	225°C
Maximum Length	5.69 in; 144.50 mm
Maximum Diameter	2.81 in; 71.40 mm
Weight (approximate)	6.5 oz; 184.0 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	231D-20	3
Continental Electronics	417 B	50
Gates	HF-5 / HF-5 B	5
	HF-10 / HF-10B	10

THIS TUBE IS AVAILABLE FROM

Manufacturer	Rebuilder	Distributor
Covimag		Richardson Electronics
Penta Laboratories		Thomas J. Bruckner

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

2 3 4 5 6 8 BY C F ML Q RS TH YL

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