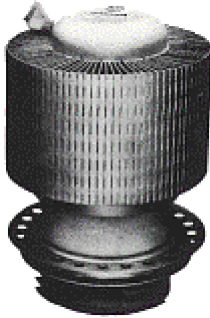




TDP
TUBE 5CX3000A / 8966

GENERAL DESCRIPTION



The 5CX3000A is designed for use as a Class AB₁ linear amplifier in audio or radio-frequency applications. Its characteristics of low intermodulation distortion make it especially suitable for single sideband service.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	4000 Watts
Suppressor Dissipation (Max.)	100 Watts
Screen Dissipation (Max.)	175 Watts
Grid Dissipation (Max.)	50 Watts
Frequency for Max. Ratings (CW)	110 MHz
Cooling	Forced Air
Filament	Thoriated Tungsten
Voltage	9.0 volts
Current	41.5 amperes
Capacitances (Grounded Cath. Connection)	135.0 pF
Input	21.0 pF
Output	0.4 pF
Feed-through	
Capacitances (Grounded Grid Connection)	61.0 pF
Input	21.0 pF
Output	
Amplification Factor ($g_1 - g_2$)	5.5
Base	Special Ring and Breechblock
Recommended Air-System Socket	SK-1420
Recommended Air Chimney	SK-1426
Maximum Seal & Anode Core Temperature	250°C
Maximum Length	6.84 in; 173.70 mm
Maximum Diameter	4.63 in; 117.60 mm
Weight (approximate)	5.5 lb; 2.5 kg
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
Telefunken Sendertechnik	S 4001	100

THIS TUBE IS AVAILABLE FROM

Manufacturer	Rebuilder	Distributor
Eimac	Econco	Richardson Electronics
Penta Laboratories	Kennetron	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

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