

ELECTRONIC TUBE REFERENCE

4CX400A

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Ceramic/metal power tetrode for RF transmitting service, designed for high-power amplification with forced-air cooling and low-inductance electrode construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	400 W
MAXIMUM SCREEN DISSIPATION	8 W
MAXIMUM GRID DISSIPATION	2 W
Maximum ratings promoted from source.	

The Svetlana 4CX400A, the tube will operate at low plate voltage with high efficiency. This advantage is possible through the use of an electron trapping configuration which reduces secondary emission.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

199X Svetlana

Published test conditions and operating points. Values on this page are preserved as reported by this source.

199X SVETLANA

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	2500 V	—
Maximum Screen Voltage	400 V	—
Maximum Plate Dissipation	400 W	—
Maximum Screen Dissipation	8 W	—