

# Svetlana Broadcast Tubes



Svetlana Electron Devices, Inc., has been delivering high-quality vacuum electron products since the 1920's. Now Western-type directly plug-compatible Svetlana tubes are available to the entire world. These high-quality products meet the stringent requirements of the Russian military.

Russia continues to develop vacuum electron technology. Specific Russian improvements that are not available in the West are incorporated in Svetlana tubes. Improvements are found in our cathodes, ceramics, electron ballistics, and processing. For the user these features result in longer operating life and they form the basis for our extended warranty which is the best in the industry.

Today, Svetlana delivers quality electron tube products for use in both new and existing operating systems. Svetlana tubes are rapidly becoming the product of choice in new equipment where reliability and economics are essential.

Contact your Svetlana Stocking Distributor for a comparative price and warranty quotation on any of the following broadcast tubes.



**Svetlana**  
ELECTRON DEVICES

**Headquarters:**

8200 South Memorial Parkway  
Huntsville, AL 35802  
USA

Phone: 256 882 1344

Fax: 256 880 8077

**Marketing & Engineering:**

3000 Alpine Road  
Portola Valley, CA 94028  
USA

Phone: 650 233 0429

Fax: 650 233 0439

[www.svetlana.com](http://www.svetlana.com)

## Svetlana Power Tubes for Broadcast

Tube Type	Max Plate Dissipation kW	Max Plate Voltage kV	Max Plate Current Amps	Freq. For Full Ratings MHz	Heater Volts	Heater Amps	Typical Power Output KW	Svetlana Socket
3CX3000A7	4	5	2.0	110	7.5	51.5	7.3	—
3CX6000A7/YU148	6	7	2.56	110	7.0	78	12.0	—
3CX10,000A7/8160	12	10	5.0	160	7.5	100	24.2	SK1300/1320
3CX15,000A7	15	8	6.0	110	6.3	160	25.5	SK1300
3CX20,000A7	20	8	6.0	110	6.3	160	27.5	SK1300/1320
4CX3500A	3.5	6	1.9	220	5.0	90	5.5	SK340
4CX5000A/8170	5	7.5	2.3	110	7.5	75	10	SK300A
4CX7500A	7.5	7.5	2.4	220	7.0	110	12	SK340
4CX10,000D/8171	10	7.5	3.0	110	7.5	75	16	SK300A
4CX12,000A/8989	12	10	2.8	250	6.5	105	22.5	SK300A
4CX15,000A/8281	15	10	4.65	110	6.3	164	36.5	SK300A
4CX20,000A/8990	20	10	6.0	110	10	140	35.2	SK300A
4CX20,000B	20	10	5.0	30	10	140	29	SK300A
4CX20,000C	20	12.5	5.0	110	10	140	34.5	SK300A
5CX1500B	1.5	5	0.9	110	5	38.5	3.2	—
YC130/9019	18	10	5.0	110	7.5	160	36.5	SK300A

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Shown here is a selection of Svetlana power tubes now available for broadcast applications.



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3CX3000A7



3CX6000A7/YU148



3CX10,000A7



3CX15,000A7



3CX20,000A7



4CX3500A



4CX5000A



4CX7500A



4CX10,000D



4CX15,000A



4CX12,000A



4CX20,000A



4CX20,000B



4CX20,000C



5CX1500B



YC130