



# High Vacuum Cathode Ray Tube

4063AB  
(Blue Screen)

4063YB  
(Blue Screen  
Y plates terminated  
through side of bulb)

C22SS/1B  
(4063AB)  
C22SS/2B  
(4063YB)

## CATHODE.

Indirectly-heated oxide-coated

Voltage	2	V
Nominal heater current	1.9	A

## DIRECT INTER-ELECTRODE CAPACITIES.

	4063AB	4063YB	
X <sub>1</sub> plate to X <sub>2</sub> plate	2	2	pF
X <sub>1</sub> or X <sub>2</sub> plate to earth	16	16	pF
Y <sub>1</sub> plate to Y <sub>2</sub> plate	1.1	1.2	pF
Y <sub>1</sub> or Y <sub>2</sub> plate to earth	10	3.5	pF
Grid to earth	18	18	pF

## RATINGS.

Maximum anode voltage	5	kV
Approximate sensitivity where $V =$ final anode voltage		
X plates	$\frac{600}{V}$	mm./V
Y plates	$\frac{700}{V}$	mm./V
Conductance of any plate pair	less than 0.1	$\mu$ Mho.
Maximum input power to screen	0.01	W/sq. cm.

## OPERATING CONDITIONS.

Third anode voltage	5	kV
Second anode voltage (adjust for focus)	$0.27 \times V_{a_3}$	V
First anode voltage	150	approx. V
Grid bias for maximum brilliancy	0 to -5	V
Grid bias for cut off	-30	V
Grid base for modulation	30	approx. V

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