



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 ₁ plate to X ₂ plate	2	2	pF
X ₁ or X ₂ plate to earth	16	16	pF
Y ₁ plate to Y ₂ plate	1.1	1.2	pF
Y ₁ or Y ₂ 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	μ 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 approx.
First anode voltage	150	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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