



Gas Focused Cathode Ray Tube

C28GS/IB
(4050BB)
C28GS/IG
(4050BG)
C28GS/ID
(4050BD)

4050BB
(Blue Screen)

4050BG
(Green Screen)

4050BD
(Delay Screen)

CATHODE.

Oxide-coated filament

*Current	0.7 to 1.1	A
Nominal voltage	0.75	V

INTER-ELECTRODE CAPACITIES.

Between either pair of deflecting plates	7.0	pF
Anode to X plates	1.2	pF
Anode to Y plates	2.3	pF

RATINGS.

Anode voltage	350 to 1,500	V
Normal anode voltage	500	V
Shield voltage	0 to +50	V
Sensitivity ($V =$ anode voltage)	$\frac{580}{V}$	mm./V
Effective screen diameter	$6\frac{1}{2}$	in.

DIMENSIONS.

Maximum overall length	476	mm.
Maximum bulb diameter	185	mm.
Base	Standard British 9-pin	
Net weight	790	g.

*For maximum life the tube should be operated with just sufficient filament current to produce a satisfactory trace. Filament current will rise with life. The Px plates produce horizontal deflection when the tube is mounted with pins 4 and 5 at the bottom.

It is recommended that a 2,000 ohms protective resistance should be included in the shield circuit as well as in the anode circuit.

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