



Picture tubes

colour picture tubes book 2 part 1

All Types : Shadow mask. 3-gun. 90° deflection. Compression banded. Push-through presentation. $V_h=6\text{-}3V$. $I_h=900\text{mA}$. B12-246 base.
Neck diameter 36.5mm.

Type No.	Screen Diagonal		Final Anode Voltage *		Typical Operating Conditions			Light Transmission (%)
	(cm)	(in)	Max. (kV)	Min. (kV)	V_{a1} (V)	$-V_g$ (V)	Focusing Electrode (V)	
A49-120X	49	19	27.5	20	210 to 495	100	4200 to 5000	54
A56-120X	56	22	27.5	20	210 to 495	100	4200 to 5000	53
A66-120X	66	26	27.5	20	210 to 495	100	4200 to 5000	53

* Absolute maximum rating system.

monochrome picture tubes

All Types : 110° deflection. Short unipotential gun. Compression banded. Push-through presentation.

Type No.	Screen Diagonal		Max. Final Anode Voltage (kV)	Typical Operating Conditions			V_h (V)	I_h (mA)	Light Transmission (%)	Neck Diameter (mm)	Base
	(cm)	(in)		V_{a1} (V)	$-V_g$ (V)	Focusing Electrode (V)					
A31-120W	31	12	12	250	35 to 69	0 to +350	11	75	50	20	B7G special
A44-120W/R	44	17	18	400	40 to 77	0 to +400	6.3	300	48	28.6	B8H
A50-120W/R	50	20	20	400	40 to 77	0 to +400	6.3	300	45	28.6	B8H
A61-120W/R	61	24	20	400	40 to 77	0 to +400	6.3	300	42	28.6	B8H

Note : In the type number the suffix /R indicates that a ring trap base is fitted to the tube. Tubes without a ring trap base are available under the same type number but with the suffix omitted.