



# Macintosh 12 RGB Display Specs

## Phosphor Type

P22 (R, G, and B)

## Dot Pitch

0.28 mm

## Phosphor CIE Coordinates

Red  $x = 0.620 \pm 0.020$ ,  $y = 0.500 \pm 0.020$

Green  $x = 0.290 \pm 0.020$ ,  $y = 0.600 \pm 0.020$

Blue  $x = 0.150 \pm 0.015$ ,  $y = 0.067 \pm 0.020$

## Geometric Distortion

Trapezoidal/Keystone  $\pm 3.0$  mm maximum (sides),  $\pm 3.0$  mm (top and bottom)

Pincushion/Barrel 2 mm

## Input Power

AC input voltage range 90–132 VAC (U.S.)

Input surge voltage 150 Vrms for 100 ms (U.S.)

Peak inrush current 40 A peak, all load and line conditions

Input line frequency 47–63 Hz, single phase (Intl.)

Input power 65 W (nominal), 90 W maximum

## Screen Luminance

30 ft lamberts ( $\pm 5$ )

## Sweep Rates

Horizontal = 24.48 kHz

Vertical = 60.25 Hz

## Raster Size

Horizontal 205 mm (8 1/32 in)

Vertical 153 mm (6 in)

## Resolution

512x384, 64 dpi

## Anode Voltage

23.7 kVDC  $\pm$  1.9 kVDC (dark)

## Heater Voltage

6.3 V ( $\pm$  0.3 V)

Pin	Signal
1	Red ground
2	Red video
3	Composite Sync
4 *	Sense1 (gnd)
5	Green video
6	Green ground
7 *	Sense2 (open)
9	Blue video
10 *	Sense3 (gnd)
13	Blue ground

