

Specifications — P/2 DA2 PLUS and P/2 DA2 LC

Video

Gain	Unity
Bandwidth	P/2 DA2 PLUS 270 MHz (-3dB), fully loaded P/2 DA2 LC 150 MHz (-3dB), fully loaded

Video input

Number/signal type	
P/2 DA2 PLUS	1 VGA-UXGA RGBHV, RGBS, RGsB, RsGsBs
P/2 DA2 LC	1 VGA-XGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	1 15-pin HD male cable (built-in)
Minimum/maximum levels	Analog 0.4V to 1.4V p-p with no offset at unity gain
Impedance	75 ohms
Horizontal frequency	P/2 DA2 PLUS 15 kHz to 135 kHz P/2 DA2 LC 15 kHz to 45 kHz
Vertical frequency	P/2 DA2 PLUS 30 Hz to 170 Hz P/2 DA2 LC 30 Hz to 120 Hz
Return loss	-38.3dB @ 5 MHz

Video output

Number/signal type	2 VGA-XGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	2 15-pin HD female
Nominal level	Unity (1x input level)
Minimum/maximum levels	0.4V to 1.4V p-p
Impedance	75 ohms
Return loss	-41dB @ 5 MHz
DC offset	±5mV maximum with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs
Input level	3V to 5V p-p
Output level	TTL 5V p-p
Input impedance	510 ohms
Output impedance	75 ohms
Max. propagation delay	18.8 nS
Max. rise/fall time	4 nS
Polarity	Positive or negative

General

Power	100VAC to 240VAC, 50/60 Hz, 4.5 watts, external, auto-switchable; to 9VDC, 1 A power supply.
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	No
Enclosure type	Plastic
Enclosure dimensions	1.4" H x 5.0" W x 3.3" D 3.6 cm H x 12.7 cm W x 8.4 cm D (Depth excludes connectors.)
Product weight	P/2 DA2 PLUS 1.6 lbs (0.7 kg) P/2 DA2 LC 1.3 lbs (0.6 kg)
Shipping weight	P/2 DA2 PLUS 3 lbs (1.4 kg) P/2 DA2 LC 2 lbs (0.9 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL

Compliances CE
Warranty 3 years parts and labor

NOTE *Specifications are subject to change without notice.*

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