Specifications — IN3254

Video

Gain	0 dB or +2 dB (x1.0 or x1.3), switch selectable
Bandwidth	400 MHz (-3 dB), fully loaded

Video input

Number/signal type	1 RGBHV, RGBS, RGsB, RsGsBs, HDTV component video, or S-video; *or* up to 3 composite video
Connectors	5 female BNC
Nominal level	1.0 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels	Analog
With switch set to x1	0.3 V to 1.0 Vp-p with no offset
With switch set to x1.3	0.3 V to 0.75 Vp-p
Impedance	75 ohms
Horizontal frequency	15 kHz to 115 kHz
Vertical frequency	30 Hz to 120 Hz
Return loss	<-40 dB @ 5 MHz

Video output

Number/signal type	4 RGBHV, RGBS, RGsB, RsGsBs, HDTV component video, S-video; *or* up to 12 composite video
Connectors	4 x 5 female BNC
Nominal level	1.0 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels	Analog: 0.3 V to 1.0 Vp-p
Impedance	75 ohms
Return loss	<-40 dB @ 5 MHz
DC offset	100 mV with input at 0 offset

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level sync
Output type	RGBHV, RGBS, RGsB, RsGsBs, bi-level and tri-level sync
Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM
Input level	1.8 V to 5.0 Vp-p
Output level (analog/TTL)	5.0 Vp-p, unterminated
Input impedance	510 ohms
Output impedance	50 ohms
Max. input voltage	5.0 Vp-p
Max. propagation delay	H: 50 ns V: 110 ns
Max. rise/fall time	H: 15 ns V: 20 ns
Polarity	Positive or negative (follows input)

General

Power	100 VAC to 240 VAC, 50-60 Hz, 6 watts, internal
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Mounting	
Rack mount	Yes, with optional rack shelf
Enclosure type	Metal

Specifications — IN3254, cont'd

Enclosure dimensions	3.4" H x 8.5" W x 4.4" D (2U high, half rack wide) (8.6 cm H x 21.6 cm W x 11.2 cm D) (Depth includes connectors.)
Product weight	3.6 lbs (1.6 kg)
Shipping weight	6 lbs (3 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Listings	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
Warranty	3 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*

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