

Specifications

GLI 2000 5BNC

Video

Gain.....	Unity
Core saturation voltage.....	>10 V
Bandwidth	>425 MHz (-3 dB) for RGB >200 MHz (-3 dB) for HV
CMRR	>58 dB @ 50 Hz or 60 Hz

Video input

Number/signal type	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	5 female BNC
Nominal level	1 Vp-p for Y of S-video, and for composite video 0.7 Vp-p for RGB 0.3 Vp-p for C of S-video
Minimum/maximum levels.....	Analog: -15 V to +15 Vp-p with no offset
Impedance	75 ohms
Horizontal frequency.....	10 kHz to 2000 kHz
Vertical frequency.....	15 Hz to 180 Hz
Return loss	<-27 dB @ 1 MHz to 100 MHz

Video output

Number/signal type	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs
Connectors	5 female BNC
Nominal level	1 Vp-p for Y of S-video, and for composite video 0.7 Vp-p for RGB 0.3 Vp-p for C of S-video
Minimum/maximum levels.....	Analog: -15 V to +15 Vp-p with no offset
Impedance	75 ohms
Horizontal frequency.....	10 kHz to 2000 kHz
Vertical frequency.....	15 Hz to 180 Hz
Return loss	<-30 dB @ 0 to 100 MHz
DC offset	±10 mV maximum

Sync

Input type	RGBHV, RGBS, RGsB, RsGsBs
Output type	RGBHV, RGBS, RGsB, RsGsBs
Input level	-15 V to +15 Vp-p
Output level	-15 V to +15 Vp-p, unterminated
Input impedance	75 ohms
Output impedance	75 ohms
Max. propagation delay.....	26 ns
Polarity.....	Positive or negative (follows input)

General

Power	Not powered
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 2U rack shelf
Enclosure type	Metal
Enclosure dimensions	3.4" H x 8.6" W x 5" D (2U high, half rack wide) (8.6 cm H x 21.8 cm W x 12.7 cm D)
Product weight.....	6.2 lbs (2.8 kg)
Shipping weight.....	10 lbs (5 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTES: All nominal levels are at $\pm 10\%$.
Specifications are subject to change without notice.

8.0-042910-D8