

Specifications — GLI 2000 Series

Video

Gain.....	Unity
Core saturation voltage.....	>10 V
Bandwidth	
GLI 2000 5BNC.....	>425 MHz (-3 dB) for RGB, >200 MHz (-3 dB) for HV
GLI 2000 2BNC.....	>100 MHz (-3 dB)
CMRR	
GLI 2000 5BNC.....	>58 dB @ 50 Hz or 60 Hz
GLI 2000 2BNC.....	>53 dB @ 50 Hz or 60 Hz

Video input

Number/signal type	
GLI 2000 5BNC.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs
GLI 2000 2BNC.....	1 S-video or 2 composite video
Connectors	
GLI 2000 5BNC.....	5 female BNC
GLI 2000 2BNC.....	2 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	
GLI 2000 5BNC.....	<-27 dB @ 1 MHz to 100 MHz
GLI 2000 2BNC.....	<-28 dB @ 1 MHz to 100 MHz

Video output

GLI 2000 5BNC.....	1 VGA-QXGA RGBHV, RGBS, RGsB, RsGsBs
GLI 2000 2BNC.....	1 S-video or 2 composite video
Connectors	
GLI 2000 5BNC.....	5 female BNC
GLI 2000 2BNC.....	2 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— GLI 2000 5BNC, unless otherwise indicated

Input type.....	RGBHV, RGBS, RGsB, RsGsBs
Output type.....	RGBHV, RGBS, RGsB, RsGsBs
Standards	
GLI 2000 2BNC.....	NTSC 3.58, NTSC 4.43, PAL, SECAM
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

Specifications — GLI 2000 Series, cont'd

Max. propagation delay	
GLI 2000 2BNC	52 ns
Other models	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	
GLI 2000 5BNC	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)
GLI 2000 2BNC	3.4" H x 4.3" W x 5" D (2U high, one quarter rack wide) (8.6 cm H x 10.9 cm W x 12.7 cm D) (Depth excludes connectors/guards and handles.)
Product weight	
GLI 2000 2BNC	3.1 lbs (1.4 kg)
GLI 2000 5BNC	6.2 lbs (2.8 kg)
Shipping weight	
GLI 2000 2BNC	5 lbs (3 kg)
GLI 2000 5BNC	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

NOTE All nominal levels are at $\pm 10\%$.

NOTE Specifications are subject to change without notice.

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