

Specifications — GLI 2000 Series

Video

Gain	Unity
Core saturation voltage	>10 V

NOTE See the Extron Web site for details on core saturation test conditions.

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–UXGA 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 V _{p-p} for Y of S-video, and for composite video 0.7 V _{p-p} for RGB 0.3 V _{p-p} for C of S-video
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Minimum/maximum levels	Analog: -15 V to +15 V _{p-p} with no offset
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Impedance	75 ohms
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Horizontal frequency	10 kHz to 2000 kHz
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Vertical frequency	15 Hz to 180 Hz
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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–UXGA 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 V _{p-p} for Y of S-video, and for composite video 0.7 V _{p-p} for RGB 0.3 V _{p-p} for C of S-video
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Minimum/maximum levels	Analog: -15 V to +15 V _{p-p} with no offset
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Impedance	75 ohms
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Horizontal frequency	10 kHz to 2000 kHz
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Vertical frequency	15 Hz to 180 Hz
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Return loss	<-30 dB @ 0 to 100 MHz
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DC offset	±10 mV maximum
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Sync — GLI 2000 5BNC, unless otherwise indicated

Input type	RGBHV, RGBS, RGsB, RsGsBs
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Output type	RGBHV, RGBS, RGsB, RsGsBs
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Standards (GLI 2000 2BNC)	NTSC 3.58, NTSC 4.43, PAL, SECAM
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Input level	-15 V to +15 V _{p-p}
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Output level	-15 V to +15 V _{p-p} , unterminated
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Input impedance	75 ohms
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Output impedance	75 ohms
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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
Rack mount	Yes, with optional 2U rack shelf, part #60-032-01
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)
Listings	UL, CUL
Compliances	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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