

# Specifications — IN3218HR Distribution Amplifier

## Video

Routing .....	Selectable: (1) 1 x 8 composite video <i>or</i> (1) 1 x 4 S-video <i>or</i> (2) 1 x 4 composite video
Gain .....	(0.7 V to 1.4 V) -30% to +40%
Bandwidth .....	300 MHz (-3 dB), fully loaded

## Video input and loop-through

Number/signal type .....	1 composite video input and 1 composite video loop-through <i>or</i> 1 S-video input <i>or</i> 2 composite video inputs
Connectors .....	2 female BNC
Nominal level .....	1 V <sub>p-p</sub> for Y of S-video, and for composite video 0.3 V <sub>p-p</sub> for C of S-video
Minimum/maximum levels .....	Analog: 0.3 V to 1.5 V <sub>p-p</sub> with no offset at unity gain
Impedance .....	Selectable: 75 ohms or Hi-Z
Return loss .....	<-35 dB @ 5 MHz
Input coupling .....	AC/DC, jumper-selectable

## Video output

Number/signal type .....	8 composite video <i>or</i> 4 S-video
Connectors .....	8 BNC female
Nominal level .....	1 V <sub>p-p</sub> for Y of S-video, and for composite video 0.3 V <sub>p-p</sub> for C of S-video
Minimum/maximum levels .....	0.3 V to 2.1 V <sub>p-p</sub>
Impedance .....	75 ohms
Return loss .....	<-40 dB @ 5 MHz
DC offset .....	±100 mV with input at 0 offset

## Sync

Standards .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
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## General

Power .....	100 VAC to 240 VAC, 50/60 Hz, 2 watts, internal, autoswitchable
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 rack shelf
Enclosure type .....	Metal
Enclosure dimensions .....	1.7" H x 8.5" W x 6.0" D (1U high, half rack wide) 4.3 cm H x 21.6 cm W x 15.2 cm D (Depth excludes connectors.)
Product weight .....	1.5 lbs (0.7 kg)
Shipping weight .....	3 lbs (2 kg)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Listings .....	ETL (UL1950)
Compliances .....	CE
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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