

# Specifications — IN3212, IN3214 Distribution Amplifiers

## Video

Gain .....	-3 dB to +3 dB, adjustable (0.7 Vp-p to 1.5 Vp-p output when input is 1 Vp-p)
Bandwidth .....	IN3212: 300 MHz (-3 dB) IN3214: 280 MHz (-3 dB)

## Video input and loop-through

Number/signal type .....	1 composite video 1 composite video loop-through
Connectors .....	2 female BNC
Nominal level .....	1 Vp-p
Minimum/maximum levels .....	Analog: 0.4 V to 2.0 Vp-p with no offset at unity gain
Impedance .....	75 ohms
Return loss .....	<-35 dB @ 5 MHz

## Video output

Number/signal type	
IN3212 .....	2 composite video
IN3214 .....	4 composite video
Connectors	
IN3212 .....	2 female BNC
IN3214 .....	4 female BNC
Nominal level .....	1 Vp-p at unity gain
Minimum/maximum levels .....	0.3 V to 3.5 Vp-p
Impedance .....	75 ohms
Return loss .....	<-35 dB @ 5 MHz
DC offset .....	±8 mV with input at 0 offset

## Sync

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

External power supply .....	110 VAC or 220 VAC, 50/60 Hz, external, autoswitchable; to 9 VDC, 0.5 A, regulated
Power input requirements .....	9 VDC, 0.1 A
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
Enclosure type .....	Metal
Enclosure dimensions .....	4.0" H x 5.6" W x 1.25" D 10.1 cm H x 14.2 cm W x 3.2 cm D (Depth excludes connectors.)
Product weight .....	0.8 lbs (0.3 kg)
Shipping weight .....	2 lbs (1 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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