

# Specifications — SVDA 6 MX Distribution Amplifier

---

## Video

Gain .....	Unity
Bandwidth .....	30 MHz (-3dB)
Differential phase error .....	0.03° at 3.58 MHz and 4.43 MHz
Differential gain error .....	0.05% at 3.58 MHz and 4.43 MHz
Crosstalk .....	<-60dB @ 3.58 MHz

## Video input

Number/signal type .....	1 S-video
Connectors .....	(1) 4-pin mini DIN female
Nominal level .....	1V p-p for Y of S-video 0.3V p-p for C of S-video
Minimum/maximum levels .....	Analog: 0.4V to 2.0V p-p with no offset at unity gain
Impedance .....	75 ohms
Return loss .....	<-30dB @ 5 MHz

## Video output

Number/signal type .....	6 S-video
Connectors .....	(6) 4-pin mini DIN
Nominal level .....	1V p-p for Y of S-video 0.3V p-p for C of S-video
Minimum/maximum levels .....	0.4V to 1.4V p-p
Impedance .....	75 ohms
Return loss .....	<-30dB @ 5 MHz
DC offset .....	±5mV maximum with input at 0 offset

## Sync

Standards .....	NTSC 3.58, NTSC 4.43, PAL, SECAM
-----------------	----------------------------------

## General

Power .....	100VAC to 240VAC, 50/60 Hz, 10 watts, internal, autoswitchable
Temperature/humidity .....	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount .....	Yes, with optional 1U rack shelf, part #60-190-01
Enclosure type .....	Metal
Enclosure dimensions .....	1.6" H x 8.7" W x 9.4" D (1U high, half rack width) 4.1 cm H x 22.1 cm W x 23.9 cm D (Depth excludes connectors and knobs.)
Product weight .....	2.3 lbs (1.0 kg)
Shipping weight .....	5 lbs (3 kg)
Vibration .....	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE, FCC Class A
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** Specifications are subject to change without notice.

(7.40-031303-D2)