



Matrix Switch Corporation MSC-HDDA4 4 Output 3G/HD/SD-SDI Video Distribution Amplifier



Matrix Switch Corporation [distribution amplifiers](#) combine exceptional performance with value. Their compact size allows for them to be utilized in space constrained situations. All external connections are on the same side making for a clean installation and Power, Lock and HD LED indicators on the front provide current visual status of the connected SDI signal.

Feature Highlights

- Re-clocking of standard SD, HD and 3G SDI data rates
- Auto bypasses non-standard SDI rates from 20Mbit/s to 3Gbit/s
- Passes SDI embedded audio and ancillary data
- Backed by a full 2 year manufacturer parts and labor warranty



Specifications		SDI Video	
Size	4.25"W x 1"H x 3"D	Connector type	BNC
Weight	0.5 lb	Data Types	SMPTE 259/292/424
Power	5 VDC 1.5W	Data Rates	19 Mbit/s through 3.0 Gbit/s
Storage Temp	-10 Through +50 Deg C	Re-clocking Data Rates	270 Mbit/s, 1.485 Gbit/s, 2.97 Gbit/s
Operating Temp	0 Through +40 Deg C	Input/Output Return Loss	> 15dB @ HD, > 12dB @ 3G
Humidity	0 Through 90% Non-Condensing	Input Level	800 mV P-P +/- 20%
Warranty	2 Years Parts & Labor	Input Impedance	75 Ohms +/- 1%
		Cable equalization (1694A coax)	350m @ SD, 175m @ HD, 100m @ 3G
		Output Level	800 mV P-P +/- 5%
		Output Impedance	75 Ohms +/- 1%
		Output Jitter	< 0.2 UI