

**ANALOG VIDEO SWITCH MODULES (HIGH BW, AC COUPLED IN)**

**FEATURES**

- High quality, low cost
- High performance
- 8x8, 16x8, & 16x16 Input/Output
- NTSC/PAL and component switching

**MODELS**

- HPV88AC (8x8)
- HPV168AC (16x8)
- HPV1616AC (16x16)



**SPECIFICATIONS**

**INPUTS**

Eight or sixteen, 75Ω, terminated

AC Coupled

Level 1.4 V p-p max.

DC Offset ±6.0 VDC max.

Return Loss 35 dB to 5 MHz

Gain Variation 0.15 dB max.

Gain Setting Adjusted for unity

Connectors BNC

**OUTPUTS**

Eight or sixteen, 75Ω impedance

Level 1.4 V p-p max.

Bandwidth >160 MHz  
(>175 MHz for HPV168AC)

Differential Phase 0.25° max., 10 - 90% APL

Differential Gain 0.25% max., 10 - 90% APL

Tilt, Field, & Line 1% Maximum

Freq. Response ±0.1 dB to 40 MHz

±0.5 dB to 80 MHz

Return Loss 35 dB to 10 MHz

Group Delay 3 nsec to 35 MHz

Crosstalk >55 dB @ 5 MHz

Hum & Noise -80 dB rms, below 1 V p-p

to 10 MHz

Connectors BNC

Prices and specifications are subject to change without notice