

Y/C VIDEO (S-VHS) & HIGH RESOLUTION VIDEO (120 MHz) DISTRIBUTION AMPLIFIERS

The **ES-227** and **ES-237** are 1 x 4 Video Distribution Amplifiers designed to meet the needs of those using Y-C component video (S-VHS) or High-Resolution Video (120 MHz), respectively. Each unit has a loop-thru input and four isolated outputs. Applications include graphics, medical imaging, HDTV and composite video.

Features:

- Loop-thru Video Inputs
- Ruggedized Enclosure
- Broadcast Quality
- Video Gain Control
- Recessed Controls
- EQ Control (optional on ES-237)



Specifications

ES-227 Y-C (S-Video)

- Input:** 1 Vpp
- Response:** 30 Hz to 10 MHz, +/-1dB (Y-Bandwidth),
- Response:** 0.5 MHz to 10 MHz, +/-1dB (C-Bandwidth)
- Equalization:** up to 1000' of RG-59
- Gain:** +9dB Maximum @ 3.58 MHz (Y-EQ)
- Gain:** -3.5 to +10.5dB (C)
- S/N Ratio:** >45db
- Output Isolation:** 40db to 10 MHz
- Differential Gain:** <0.2% @ 3.58 MHz
- Differential Phase:** <0.2° @ 3.58 MHz
- Propagation Delay:** 10ns
- Slew Rate:** >60v/μs
- Output Levels:** 0.6 to 1.5 Vpp @ 1 Vpp Input (Y)
- Connectors:** S-VHS
- Enclosure:** Die-cast Orange Box
- Dimensions:** 7.3" x 4.7" x 2.2"
- Electrical:** 117 VAC, 50/60 Hz:
- Power Required:** 5 Watts
- Options:** J, UL

ES-237 High Resolution

- 1 Vpp
- 10 Hz - 100 MHz, +/-1dB,
- 100 MHz - 120 MHz, +/-3dB
- 100-400' of RG-59 (EQ Option only)
- 2.5dB to +4dB Adjustable
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- >74db
- 40db to 120 MHz
- <0.1% @ 3.58 MHz
- <0.15° @ 3.58 MHz
- 2ns
- >2000 V/μs
- 2.8 Vpp @ 1 KHz, 1.2 Vpp @ 120 MHz
- BNC
- Die-cast Orange Box
- 4.7" x 3.7" x 2.2"
- 117 VAC, 50/60 Hz
- 5 Watts
- EQ, J, UL

