

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)



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

- Input:** 1 Vpp
Response: 10 Hz - 100 MHz, +/-1dB,
 100 MHz - 120 MHz, +/-3dB
 100-400' of RG-59 (EQ Option only)
Gain: -2.5dB to +4dB Adjustable
S/N Ratio: >74dB
Output Isolation: 40dB to 120 MHz
Differential Gain: <0.1% @ 3.58 MHz
Differential Phase: <0.15° @ 3.58 MHz
Propagation Delay: 2ns
Slew Rate: >2000 V/μS
Output Levels: 2.8 Vpp @ 1 KHz, 1.2 Vpp @ 120 MHz
Connectors: BNC
Enclosure: Die-cast Orange Box
Dimensions: 4.7" x 3.7" x 2.2"
Electrical: 117 VAC, 50/60 Hz
Power Required: 5 Watts
Options: EQ, J, UL

Specifications

