



LINK ELECTRONICS, INC.

Y/C VIDEO DISTRIBUTION AMPLIFIER MODEL IEC-751



FEATURES

- ◆ Y/C DA
- ◆ 1 input, 4 output
- ◆ Differential Input
- ◆ Uses 4 Pin DIN Conn

The IEC-751 Y/C video distribution amplifier reflects the latest in the state of the art engineering techniques. The IEC-751 is the most versatile video amplifier yet conceived, offering outstanding performance. The input is terminated internally into 75 ohms. The unit provides four outputs using four pin mini-DIN connectors.

The input "Y" and "C" signals are differential. The IEC-751 is professional quality and carries the standard ten year warranty.

- ◆ Portable
- ◆ Ten Year Warranty
- ◆ Mount 3 in 1RU Frame
- ◆ Low Power Consumption

Two gain controls on the front panel adjust the video level to +/-3dB for each the "Y" signal and the "C" signal.

The IEC-751 has a video bandwidth of 20 MHz, making it a very useful device for any Y/C application. A fuse on the front panel provides easy replacement. The IEC-751 is a self contained Y/C video DA with an on board power supply that draws only 4 watts. Three units can be mounted in a 1 RU frame.

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MODEL IEC-751 SELF POWERED Y/C VIDEO DISTRIBUTION AMPLIFIER

SPECIFICATIONS

INPUT: MINI-DIN CONNECTOR

'Y" Level:	1.0Vp-p±3dB
"C"Level:	0.287 Vp-p ±3dB
Impedance:	75Ω, terminating
Maximum DC on Inputs:	4V DC
Common Mode Range:	8V p-p
CMRR:	
60Hz:	>90dB
30KHz:	>70dB
1MHz:	>45dB
Cross Talk:	>60dB

OUTPUTS:

Number:	4 Mini-DIN Connectors
Level:	Unity gain ±3dB
Impedance:	75Ω ±1%terminated
Frequency Response:	3dB at 0.17Hz
	±0.1dB to 14MHz
	-0.3dB at 16MHz
	-3dB at 20MHz
Differential Gain:	0.15%
Differential Phase:	0.12°
Propagation Delay:	12 nS
RMS Noise, 20MHz Filtered:	>60dB
RMS Hum, 20MHz Filtered:	>60dB
Output Isolation:	>36dB @ 3.58MHz
Coupling:	DC Servo AC
DC Offset:	<2mV
Line Rate Tilt:	<0.1%
Field Rate Tilt:	<0.1%

ENVIRONMENTAL:

Temperature:	0° to 50° C ambient
Humidity:	10% to 90% non-condensing
Power:	4 watts
AC Voltage:	120/240 VAC

MECHANICAL:

Height:	1.0 Inch
Width:	5.5 Inches
Depth:	9.25 Inches
Weight:	2 Pounds



PRT-700 RACK TRAY



IEC-751 REAR PANEL

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IEC-751/120402

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