

FEATURES

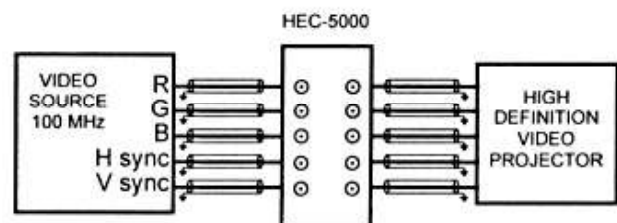
- **5 Channels of Hum Reduction**
- **100 MHz Bandwidth**
- **Low Signal Loss**
- **No Phase or Gain Distortion**
- **Passive Device, Failure-Free**
- **Easy-To-Use**

The HEC-5000 now joins other multi-channel hum eliminators manufactured by Allen Avionics. Like the HEC-3000, which provides 3 channels of hum reduction, and the HEC-4000 that provides 3 channels of hum reduction plus 1 channel of transformer isolation, the HEC-5000 stops all 50 Hz or 60 Hz hum. The HEC-5000 is designed to eliminate hum in video applications caused by long cable runs or ground loops.

This newest addition has a bandwidth of over 100 MHz per channel, making it suitable for most HDTV applications and many video projection systems with 100 MHz bandwidths. The HEC-5000 has channels for Red/Y, Green/CB, Blue/CR, H.Sync and V.Sync.

MODEL NUMBER HEC-5000 ELECTRICAL SPECIFICATIONS

IMPEDANCE: 75 OHMS, UNBALANCED
BANDWIDTH: DC-100 MHz
INSERTION LOSS: 0.20 dB @ 100KHz
0.30 dB @ 10 MHz
0.80 dB @ 30 MHz
1.20 dB @ 100 MHz
ISOLATION BETWEEN CHANNELS: 70dB
RETURN LOSS: 20 dB
HUM REDUCTION: 60 dB MINIMUM PER CHANNEL
PACKAGING: DIE CAST ALUMINUM
MOUNTING: FOUR (4) 6-32 x 1/2" inserts
DIMENSIONS: 7-7/16" x 4-3/4" x 3-1/16"
WEIGHT: 6 LBS



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