

# ALLEN AVIONICS, INC.

## Variable Video Attenuator

Part Number AV225A: 50 Ohms Part Number AV225B: 75 Ohms

iv225

The Allen Avionics Variable Video Attenuator has eight switchable attenuators arranged in a binary series from 0.1 to 12.8 dB. The total range of the attenuator is from 0 to 25.5 dB in steps of 0.1 dB. The impedance is 75 or 50 Ohms.

The amplitude, delay and return loss of the Video Attenuator are excellent over the video bandwidth of 5.5 MHz and can be used to over 200 MHz.

### Features

- Easy to use
- Low Cost
- Excellent Frequency Response
- No Delay Distortion

### Applications

- Compensating for Loss in Other Video Channels
- Padding Channel Loss to Standard Levels
- For Finding the Value of Fixed Attenuators
- HDTV applications requiring 30 MHz bandwidths

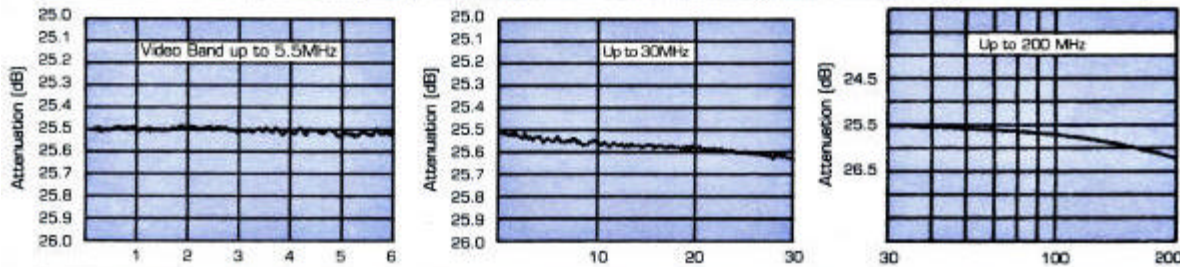
### Specifications

- Variable from 0 to 25.5 dB
- Impedance: 75 or 50 Ohms
- Size 4-3/8 x 2-3/8 x 1-1/16
- BNC Connectors used on Input and Output
- Return Loss Greater than 30 dB

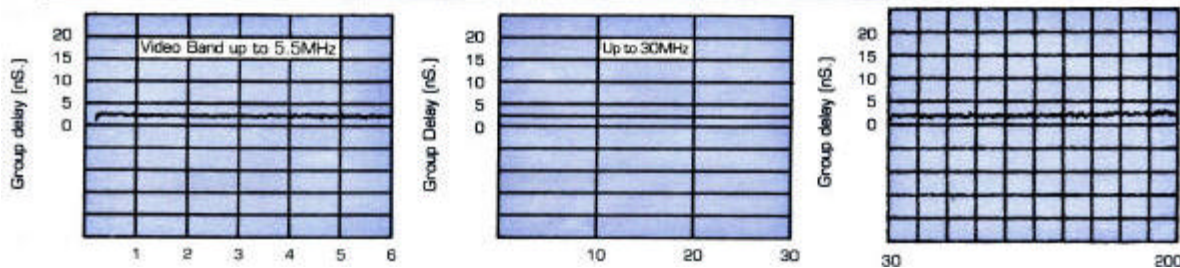
Preliminary



Attenuation (Frequency response at maximum attenuation of 25.5dB)



Group delay (Frequency response at maximum attenuation of 25.5dB)



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