



## AD1421 and AD1422 Series

VIDEO AMPLIFIERS



The AD1421 Series Video Distribution Amplifier distributes and amplifies the signal from one video input to four video outputs. Independent and isolated amplifiers for each individual output means that shorts, opens or noises on one output will not affect the remaining three outputs. No manual adjustment required.

The AD1422 Series Video Line Amplifier amplifies and equalizes the signal from a single video input to a single remote video output. An easy-to-use, continuously adjustable control equalizes all amplifier characteristics, simultaneously correcting for signal loss, high frequency attenuation, differential delay and other signal distortions typically associated with long video cables. The unit restores picture quality on video cables up to 1,500 m (one mile) in length. Two units can be cascaded together for distances up to 3,000 m (two miles).

On both units, a front panel LED indicates presence or absence of video. When the video amplifier detects video loss, it can automatically trigger an alarm.

### FEATURES

#### Video Distribution Amplifier (AD1421)

- One video input to four video outputs
- Video loss detection with alarm

#### Video Line Amplifier (AD1422)

- Line-length compensation control
- Individual gain and HF boost controls
- Line driver usage
- Video amplifier usage
- Video loss detection

