



**Technical information**

**INPUT**

Input 1: 1X BNC female for composite video signals  
 Termination: 75 ohm or High Z  
 Signal: Analog Video, 1.5Vp-p max.  
 Loop Out / Input 2: 1X BNC Female for composite video signals  
 Termination: 75 ohm or High Z

**OUTPUT**

Connectors: 4 BNC Female  
 Impedance: 75 ohm  
 Gain Range: 0.7 (30% decrease) to 1.4 (40% increase)

**GENERAL**

Bandwidth: 300 MHz @ -3dB  
 Internal Jumpers: (2) - Input Termination (2) - Normal / Split Mode  
 Power Supply: 9VDC, 500 Ma External adapter included  
 Product Weight: 0.35 Kg  
 Dimensions: 10.2 cm x 14.2 cm x 3.2 cm

**Product information**

- The IN3214 is a high performance video distribution amplifier offering video bandwidth of 300 MHz.
- IN3214 is a 1-In 4-Out video distribution amplifier / line driver. By changing an internal jumper, the unit can be set for split mode where it operates as two independent 1 x 2 distribution amplifiers. The unit has (2) gain controls and (2) sharpness controls.
- NTSC, PAL, or SECAM composite video signals, it offers extremely wide bandpass characteristics and is also compatible with high resolution monochrome signals at virtually any resolution and refresh rate.
- Loop output connector provides a passive loop-through signal. In order to use the loop output, the input termination jumper (internal) must be set to High Z (unterminated).
- Line Driving -IN3214 is designed to extend video signals down longer video cable runs than would be possible without amplification or equalization. Used with NTSC / PAL / SECAM composite video signals, the
- IN3214 allows for cable runs of 600 - 1000 feet or more, depending on the quality of the coax cable.
- The Peaking Controls have been optimized for maximum effect with NTSC / PAL / SECAM composite video signals. These controls can be adjusted to compensate for high frequency loss in long cable runs. The Peaking controls also enhance video image quality by increasing clarity and boosting visibility of fine details.

Disclaimer: Changes in the data may have been made by the manufacturer without notice.