

Specifications: (typical @25° C)

Gain

Cable In to Out: 4dB

54MHz - 1000MHz

Mod In to Out: 2dB

450MHz - 1000MHz

Reverse Gain

Out to Cable In: -14dB

5 - 42MHz

Isolation Out / Cable In: -80dB 450MHz - 1000MHz

Flatness: ± 2dB (all outputs terminated)

Noise Figure: 3.8dB

Hum modulation: -70dB

RFI rejection: -130dB

Power supply: 12VDC @ 500mA (supplied)

Specifications subject to change without notice.

CHANNEL VISION Limited Warranty

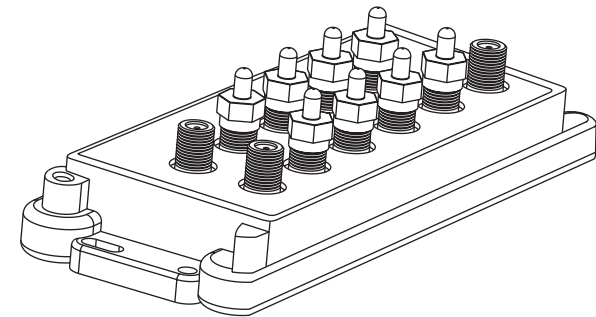
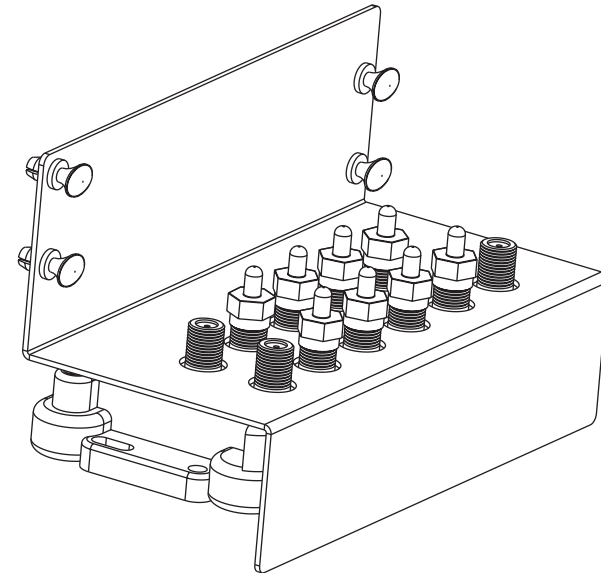
Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for two years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

500-025 rev C

INSTRUCTIONS



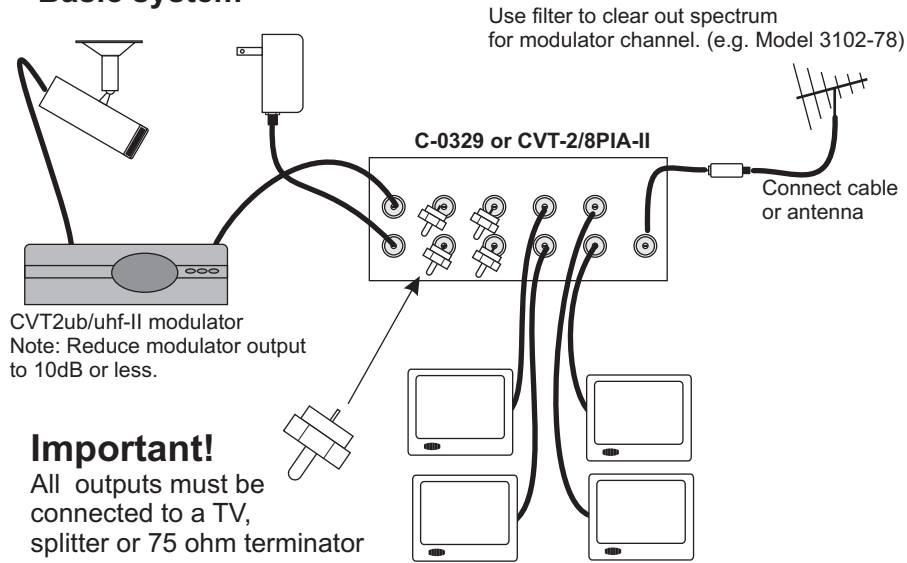
C-0329 CVT-2/8PIA-II Amplified RF Splitter

● CHANNEL VISION™

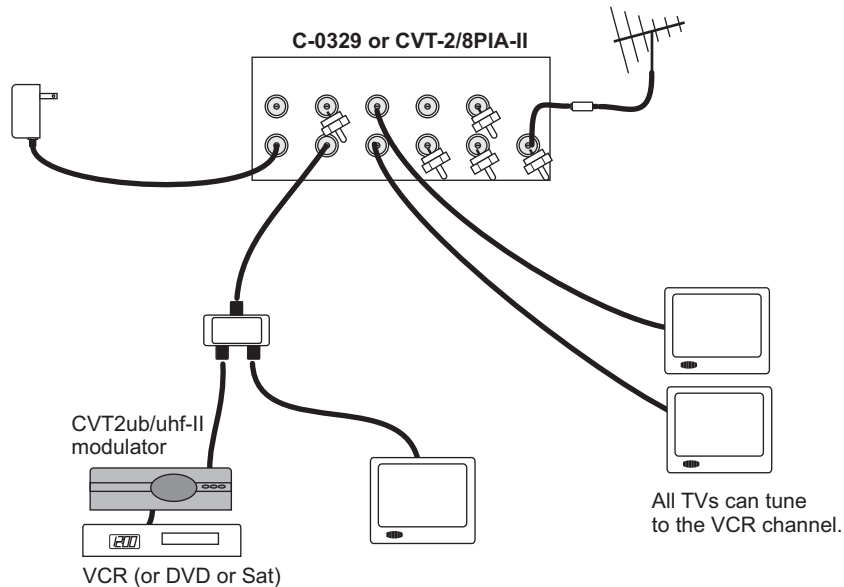
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The **CVT-2/4PIA-II** and **CVT-2/8PIA-II** are amplified splitters that support several unique features: a modulator input to add your own channels, the ability to back-feed a modulator if you cannot run a separate modulator coax and an IR passive RF design that allows you to control your video devices from any room in the home (extra equipment needed). The amplifiers are HDTV and DTV approved and are compatible with ATSC broadcasts.

Basic system

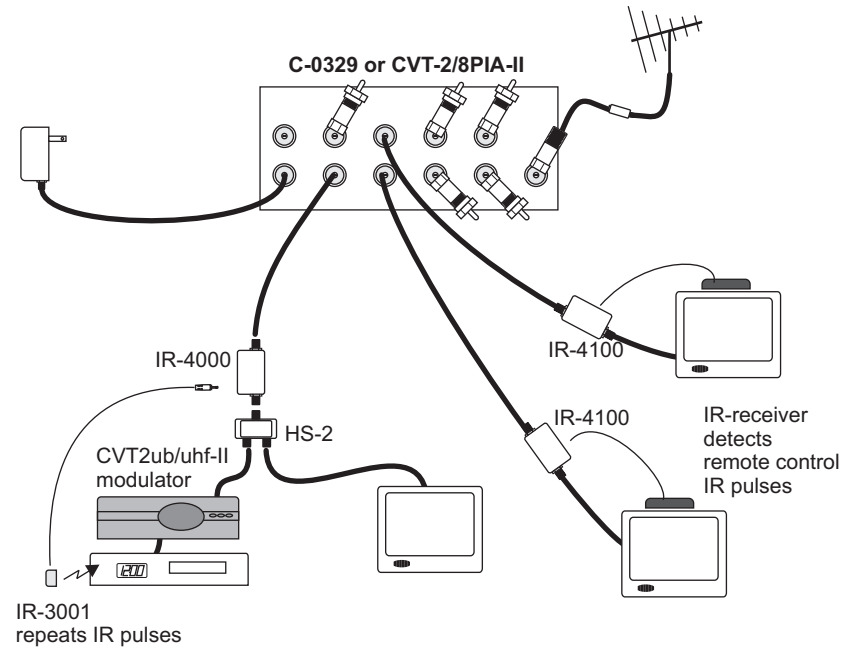


Back feeding a modulator

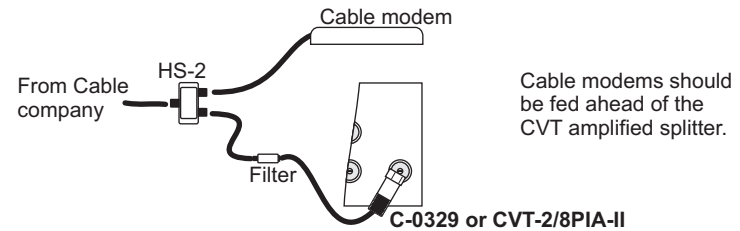


IR repeating

IR systems need to have all unused outputs connected to DC blocked terminators. The Cable input also requires a DC block.



Using a Cable modem



Troubleshooting:

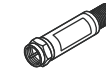
Diagonal lines on modulator channels only: Try moving the modulator to another channel number. You may need to add a low pass to remove cable company noise.

Diagonal lines on many channels (vanish when you remove the CATV feed.) The RF amplifier is being overloaded by over-strong cable signals. Add an attenuator to reduce the signal strength.

Cable channels have interference when modulator is connected: Reduce the modulator signal by using an attenuator. Either a fix or variable attenuator may be used.



Variable attenuator



Fixed attenuator