

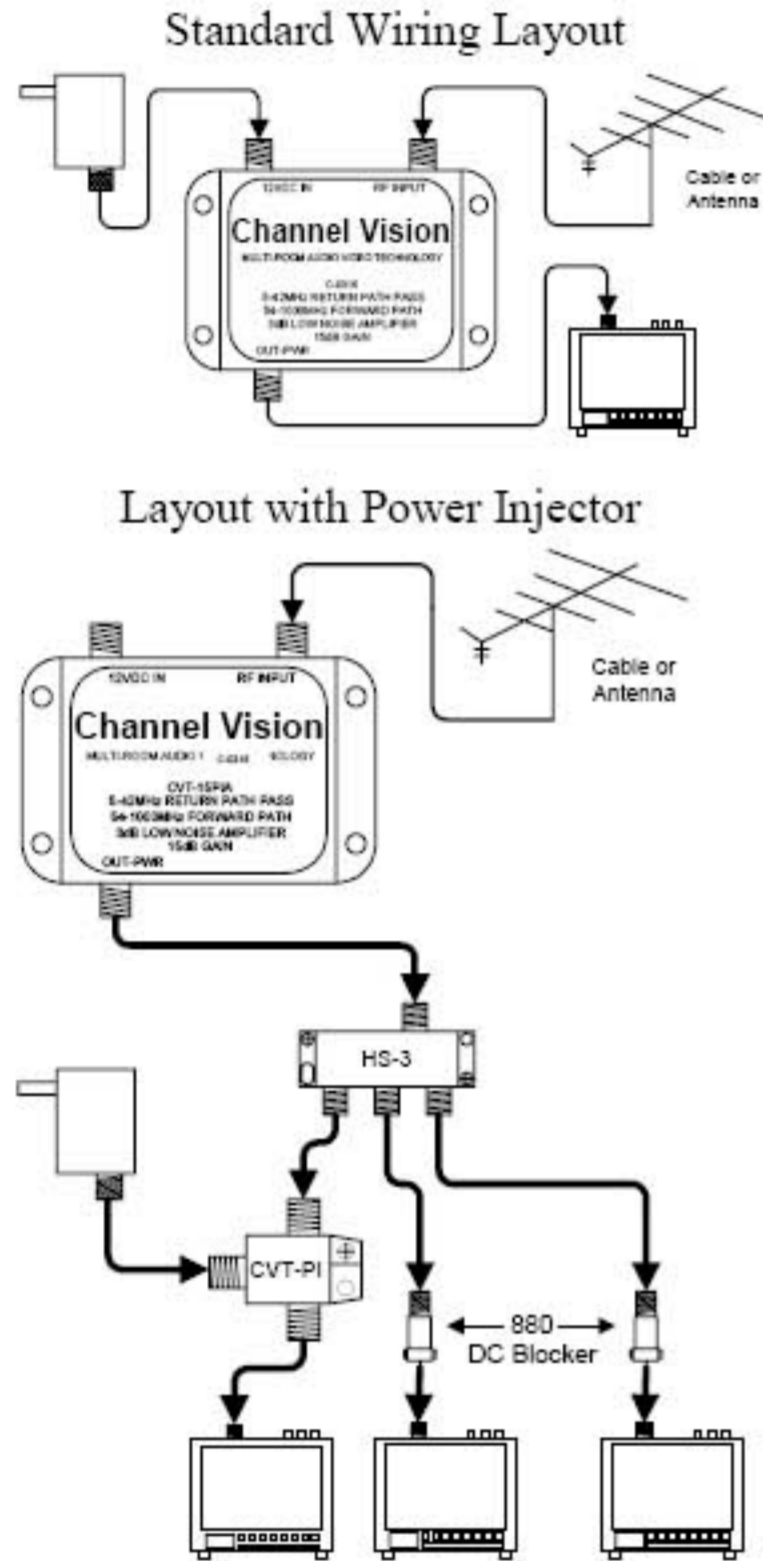


# CHANNEL VISION™ Central

## C-0315 15dB RF Amplifier

### Description

Channel Vision's 15dB power injected inline amplifier provides the lowest induced noise figure available and is designed with the future in mind. Unlike other RF amplifiers, the C-0315 features a bi-directional return path for



### Specifications

Parameter	Condition	Min	Typ	Max
Gain	f=54MHz	13.5	14.5	15.5
	f=1000MHz	14.0	15.5	17.0
Flatness	54-1000MHz	-	+/-0.8	-
Insertion Loss	5-40MHz	-1.5	-	-0.5
Return Loss IN	5-40MHz	-	-18	-14
	54-750MHz	-	-20	-16
	750-1000MHz	-	-16	-14
Return loss OUT	5-40MHz	-	-18	-14
	54-750MHz	-	-20	-16
	750-1000MHz	-	-16	-14
Tap - Tap Isolation	54-1000MHz	-	-	-
2nd Order Input Intercept	-	80	-	-
3rd order input intercept	-	60	-	-
Composite Second Order	-	-	-	-60
Composite Triple Beat	-	-	-70	-60
Noise Figure	54-60MHz	-	3	3.5
	60-750MHz	-	2.4	3.0
	750-1000MHz	-	3	4.0
Hum Modulation	-	-	-	-70
Return Path Level	5-27MHz	-	-	60
	27-40MHz	-	-	40
RFI Isolation	5-1000MHz	-	-	-130

### Instructions

- Step 1: Mount amplifier.
- Step 2: Connect cable or antenna signal to the INPUT jack.
- Step 3: Connect OUTPUT jack to distribute signal to all the TV's in the house.
- Step 4: Connect power to 12VDC input, or use PIA (power injector) for remote power capability. *Note:* must use DC passive splitters.

**Warning**  
To prevent fire or shock hazard, do not expose this appliance to rain or moisture

### Please Note:

The unused trunk line connector of the last outlet device in each trunk line MUST BE TERMINATED using a 75Ω terminator (model 2101).

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