

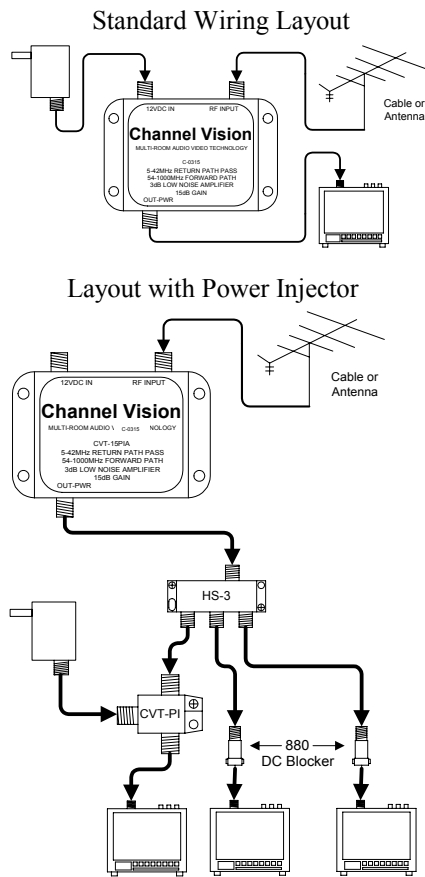


CHANNEL VISION™ Central

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
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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