

Amplifiers & Splitters

CVT-15PIA

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 CVT-15PIA features a bi-directional return path for use with future interactive TV, addressable cable box converters, and ultra high-speed cable modems.

Features:

- Low Noise (3dB)
- Power Injected Down the Coax
- 1GHz Broadband Amplification
- Bi-directional Return Path for Interactive TV
- Surface Mount Components For Long Life
- UL & CSA Approved
- 2 Year Warranty
- Phantom Power from anywhere using an Injector (CVT-PI not included)



Specifications:

Parameter	Condition	Min	Typ	Max	Parameter	Condition	Min	Typ	Max
Gain	f=54MHz	13.5	14.5	15.5	3rd order input intercept	-	60	-	-
	f=1000MHz	14.0	15.5	17.0		Composite Second Order	-	-	-
Flatness	54-1000MHz	-	+/-0.8	-	Composite Triple Beat	-	-	-70	-60
Insertion Loss	5-42MHz	-1.5	-	-0.5	Noise Figure	54-60MHz	-	3	3.5
Return Loss IN	5-42MHz	-	-18	-14		60-750MHz	-	2.4	3.0
	54-750MHz	-	-20	-16		750-1000MHz	-	3	4.0
	750-1000MHz	-	-16	-14	Hum Modulation	-	-	-	-70
					Return Path Level	5-27MHz	-	-	60
Return loss OUT	5-42MHz	-	-18	-14		27-40MHz	-	-	40
	54-750MHz	-	-20	-16	RFI Isolation	5-1000MHz	-	-	-130
	750-1000MHz	-	-16	-14	DC Current	-	70	110	170
Tap - Tap Isolation	54-1000MHz	-	-	-	Dimensions	4.75W x 1.1H x 3.5D			
2nd Order Input Intercept	-	80	-	-					



CHANNEL VISION™

234 FISCHER AVENUE • COSTA MESA, CA 92626
 (714) 424-6500 • (800) 840-0288 • (714) 424-6510 fax
 www.channelvision.com • email: sales@channelvision.com

