



## 2x8 Amplifier for Standard & Wide Band

**C-0333**  
**CVT-2/8WB**

The CVT-2/8WB and C-0333 are 8-output amplified splitters with a built-in combiner for modulated signals. They allow IR signals to pass through the modulator input to the TV outputs, making it a perfect match for the E2200IR, E3200IR or E4200IR. The CVT-2/8WB is designed to mount directly on any flat surface, while the C-0333 can snap directly into a structured wiring enclosure.

### Features

8 Amplified outputs: 4.5dB gain
Amplified return path from 5-42MHz
Compatible with Advanced Wide Bandwidth Digital CATV systems
Supports one (1) modulator input
Allows IR pass through on the modulator input port



**CVT-2/8WB**



**C-0333**

### Specifications (typical at 25° C)\*

	MIN			TYPE			MAX					
	CATV FORWARD PATH						CATV RETURN PATH					
<b>Frequency Range</b>	54-860 / 975-1525MHz						5-42MHz					
<b>Gain</b>	54-800MHz	5.0dB	6.0dB	7.0dB	54-800MHz	-1.0dB	0dB	1.0dB				
	800-860MHz	4.0dB	5.0dB	6.0dB	40-42MHz	-1.5dB	-1.0dB	0dB				
	975-1525MHz	-14dB	-17dB	-20dB								
<b>Flatness</b>	±1.0dB						±1.0dB					
<b>Return Loss</b>	>14db						>14db					
<b>Isolation</b>	>18db						>20db					
<b>Noise Figure @70° F</b>	7.5dB						20dB					
<b>Group Delay</b>	54 to 66MHz	60ns			5 to 10MHz / 36MHz to 42MHz	55ns						
	66 to 88MHz	22ns			10 to 36MHz	36ns						
	88 to 1000MHz	12ns										
<b>Composite Second Order Distortions</b>	64dBC						53dBC					
<b>Composite Triple Beat Distortions</b>	74dBC						56dBC					
<b>Cross Modulation Distortions</b>	60dBC						56dBC					
<b>Second Hum Modulation</b>	60dBC						58dBC					
<b>Rated Output Level</b>	@160 channels, 6MHz each	+23.0dBmV			+43.0 dBmV							
<b>Power Consumption</b>	180mA						65mA					



Channel Vision Central  
Structured Wiring



Channel Vision  
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Channel Vision Technology  
Modulators, Cameras, Intercoms