

CHANNEL VISION™

C-0330 Bi-Directional Amplified Splitter

Channel Vision's C-0330 is an 8-Output Amplified Splitter with a built-in combiner for modulated signals. It provides 4.5dB of gain in the forward path and unity gain in the return path. The C-0330 allows IR signals to pass through the modulator input to the TV outputs, making it a perfect match for the E2200IR, E3200IR or E4200IR 2, 3, or 4-input modulator with IR.

C-0330



Features:

- Compatible with all Channel Vision structured wiring enclosures
- 8 Amplified outputs: 4.5dB Gain
- Amplified return path from 5-42MHz
- Supports 1 modulator input
- Allows IR through the modulator input port
- Easy-to-install

ITEM	MIN.	TYP.	MAX.	ITEM	MIN.	TYP.	MAX.	
MODULATOR PATH				CATV RETURN PATH				
Operation Time	Full Time Bypass			Frequency Range	5-42MHz			
Insertion Loss	<15.5dB			Gain	5-35MHz	MIN.	TYP.	MAX.
Return Loss (I/O)	>16dB					35-42MHz	-1.0dB	0dB
IR PASS	Yes			Flatness	+1.0dB			
CATV FORWARD PATH				Return Loss (I/O)	>16dB			
Frequency Range	54-1000MHz			Isolation	>20dB			
Gain	MIN.	TYP.	MAX.	Noise Figure@70 degrees F	20dB			
	54-60MHz	3.5dB	4.5dB	6.5dB	Group Delay (5 to 10MHz / 36MHz to 42MHz)	55ns		
	60-680MHz	4.5dB	5.5dB	6.5dB	Group Delay (10 to 36MHz)	36ns		
680-1000MHz	4.5dB	5.5dB	6.5dB	Composite Second Order Distortions	53dBC			
Flatness	+1.0dB			Composite Triple Beat Distortions	56dBC			
Return Loss (I/O)	>16dB			Cross Modulation Distortions	56dBC			
Isolation	>18dB			Second Hum Modulation	58dBC			
Noise Figure@70 degrees F	7.5dB			Rated Output Level @2 channels, 6MHz each	+43.0 dBmV			
Group Delay (54 to 66MHz)	60ns			Power Consumption	65mA			
Group Delay (66 to 88MHz)	22ns			GENERAL SPECIFICATIONS				
Group Delay (88 to 1000MHz)	12ns			RFI Shielding	>110dB			
Composite Second Order Distortions	60dBC			Nominal Impedance "F" Female	75 ohm			
Composite Triple Beat Distortions	60dBC			Supply Voltage (DC)	12VDC			
Cross Modulation Distortions	60dBC							
Second Hum Modulation	60dBC							
Rated Output Level @160 channels, 6MHz each	+23.0 dBmV							
Power Consumption	160mA							

CHANNEL VISION™

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