



CA-30/* Series Push-Pull Distribution Amplifier

- 30dB gain for optimal carrier to noise ratio and superior picture quality
- Employs state-of-the art hybrid push-pull technology for distortion-free audio-video quality
- Adjustable slope and gain controls for easy system balancing
- Easy-access controls and low-loss (-20dB) test point enable simplified setup and performance monitoring
- Shielded enclosure provides over 95dB RFI shielding performance reducing leakage and ingress
- Built-in lightning and line voltage surge protection protects the unit from damage

CA-30/550

Total # of Channels	Input Level (dBmV)	Output Level (dBmV)
12	19	51
24	16	48
36	15	47
48	13	45
72	12	44
82	11	41

CA-30/1000

Total # of Channels	Input Level (dBmV)	Output Level (dBmV)
12	23	53
24	20	50
36	19	49
48	17	47
72	16	46
96	14	44
144	13	43
158	12	42

CA-30/1000 & CA-30/550 Specifications

Bandwidth-CA-30/1000	54~1000MHz	Composite Second Order(FWD)	70dB
Bandwidth-CA-30/550	54~550MHz	Composite Triple Beat (FWD)	61dB
Gain (FWD) 54~1000 MHz	30dB	Input Test Point Loss	20dB
Gain (FWD) 54~550 MHz	30dB	Power Input	115VDC
Max. Output (158 ch.) (CA-30/1000)	40 dBmV	Power Required	4Watt
Max. Output (82 ch.) (CA-30/550)	43 dBmV	Dimensions	8"(L) x 2.75"(D) x 4.5"(H)
Flatness	0.5dB	Weight	2.3 lbs.
Noise Figure (FWD)CA-30/1000	5dB		
Noise Figure (FWD) CA30/550	4.5dB		

CA-30/870AR Specifications

Frequency Range		Return Path	
Forward path	54-870MHz	Gain	20dB
Return path	5-42MHz	Flatness	±0.5dB
Forward Path		Gain control range	10dB
Gain	30dB	Return loss	-15dB
Flatness	±1.0dB, 54-870MHz	Input level	115 dBμV @ 36MHz
Gain control range	10dB	Power Adaptor	
Tilt control range	10dB	Input	100-240Vac 50/60Hz
Noise figure	6dB, 54-550MHz	Output	24VDC, 1A
	4dB, 550-870MHz	Connectors	
Return loss	-14dB, 54-550MHz	Input/Output	"F" type female
	-12dB 550-870MHz	Power	1.3mm DC power jack
		Dimenions	9" (L) x 4.5" (D) x 1.87" (H)
		Weight	2.5 lbs.

Ordering Information

CA-30/550	550MHz Push-Pull Distribution Amplifier
CA-30/1000	1GHz Broadband Push-Pull Distribution Amplifier
CA-30/870AR	870MHz Bidirectional CATV Distribution Amplifier