

Type	Model	Buy Now	Input	Output	Avg. Gain (dB)		Noise Figure (dB)		Max Input (dBm) for Two Strong Signals	
					VHF	UHF	VHF	UHF	VHF	UHF
VHF/UHF Combined input for Chan 2-13 and 14-69	Winegard AP 8275	View	75	75	29	28	2.9	2.8	-29.1	-28.8
	Winegard AP 8283	View	300	75	29	28	2.9	2.8	-29.1	-28.8
	Winegard AP 8800	View	75	75	29	19	2.7	2.8	-29.1	-22.3
	Winegard AP 8780	View	75	75	17	28	2.9	2.7	-20.8	-28.8
	Winegard AP 8783	View	300	75	17	28	3.9	3.9	-20.8	-28.8
	Winegard AP 8700	View	75	75	17	19	2.8	2.8	-20.8	-22.3
	Winegard AP 8703	View	300	75	17	19	3.9	3.9	-20.8	-22.3
	Antennas Direct PA-17	View	300	75	17	17	2.5	2.5	Unk	Unk
	Channel Master CM 0068	View	75	75	16	23	3.0	2.2	-28.5	-34.5
	Channel Master CM 0265	View	300	75	16	23	3.0	2.2	-28.5	-34.5
	Channel Master CM 0064	View	300	75	16	23	3.0	2.2	-28.5	-34.5
	Channel Master CM 7778	View	75	75	16	23	3.0	2.2	-30.8	-36.8
	Channel Master CM 3039	View	300	75	13	13	3.5	3.5	-33.8	-33.8
	Antennas Direct PA-16	View	75	75	16	16	2.5	2.5	Unk	Unk
	Winegard HDP-269	View	75	75	12	12	3.0	3.0	-14.6	-14.6
Dual VHF/UHF Separate inputs for VHF & UHF	Winegard AP 2880	View	(2) 75	75	29	19	2.9	2.9	-29.1	-22.3
	Channel Master CM 7777	View	(2) 75	75	23	26	2.8	2.0	-29.8	-35.8
	Winegard AP 2870	View	(2) 75	75	17	19	2.9	2.9	-20.8	-22.3

Type	Model	Buy Now	Input	Output	Avg. Gain (dB)		Noise Figure (dB)		Max Input (dBm) for Two Strong Signals	
option for combined	Winegard AP 8733	View	(2) 300	75	17	19	3.9	3.9	-20.8	-22.3
	Winegard AP 3700	View	(2) 75	75	17	0	2.6	0	-20.8	N/A
	Channel Master CM 0065	View	(2) 300	75	16	23	3.0	2.2	-28.5	-34.5
	Channel Master CM 0264	View	(2) 300	75	16	23	3.0	2.2	-28.5	-34.5
VHF Chan 2-13	Winegard AP 3800	View	75	75	29	N/A	2.9	N/A	-29.1	N/A
	Winegard AP 3770	View	75	75	17	N/A	2.6	N/A	Unk	N/A
UHF Chan 14-69	Winegard AP 4800	View	75	75	0	28	0	2.7	N/A	-28.8
	Channel Master CM 7775	View	75	75	N/A	26	N/A	2.0	N/A	-35.8
	Winegard AP 4700	View	75	75	0	19	0	2.9	N/A	-22.3

NOTE: Following do NOT have an FM Trap: Antennas Direct PA-16 and PA-17; Channel Master CM3039 and CM7775; Winegard AP4700, AP4800 and HDP-269.

Preamp chart fm Solid Signal, modified to show Max Input for two Strong Signals. Reduce by 3.6 dB if three strong signals, 5 dB if four, 7 dB if six and 8 dB if eight.

Receive Signal (dBm) calculated via www.tvfool.com must be increased by the amount of antenna gain (in dBd) and decreased by various losses in the system. Add 7 dB to DTV receive signal levels to convert from average to PEAK power.