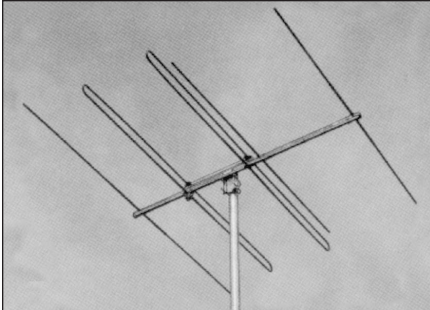


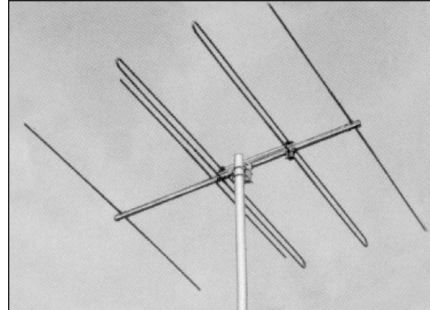
TACO

Five Element Rugged Yagi Antennas



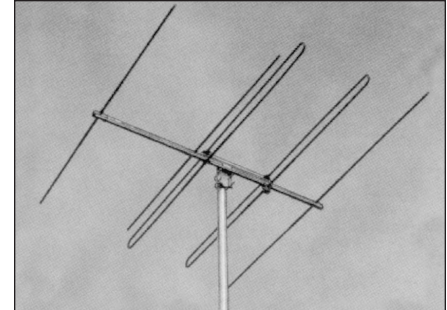
Y 51 SERIES

Twin-driven, narrow-bandwidth models covering 54 to 108 MHz including TV channels 2 through 6 and the FM band, exhibiting sharp-cutoff for excellent interference rejection.



Y 53 SERIES

Twin and triple-driven broad-bandwidth models covering 50 to 500 MHz including multiple VHF TV channels and communication bands.



Y 54 SERIES

Extra-rugged twin-driven narrow-bandwidth models covering 30 to 88 MHz including TV channels 2 through 6.

SPECIFICATIONS ("Y" Series Antennas Can Be Supplied With Higher Power Ratings On Special Request)																						
MODEL	FREQ. (MHz)	GAIN** (Nom. dBi)	VSWR (Max)	HPBW (Nom deg.)		PWR. IN (Max W.)	NO. DRIV ELEMENTS	LENGTH (Max in.)	WIDTH (Max in.)	NET WT. No ice lbs.	NET WT. 1/2" ice lbs.	WINDLOADING		SHIPPING INFORMATION								
				E-plane	H-plane							THRUST No ice lbs.	THRUST 1/2" ice lbs.	Cubage	Carton Size in. (*)							
Y51 - A	50-54	8.0	1.5:1	60.0	100.0	275	2	90.5	117.0	17	80	80	150	4.3	122 x 6 3/4 x 9							
Y51 - 2	54-60					250		82.4	110.0	16	73	65	140									
Y51 - 3	60-66		250			71.5		98.0	15	67	65	130	3.5	110 1/2 x 6 3/4 x 8								
Y51 - 4	66-72		250			66.0		90.0	15	63	60	120										
Y51 - B	72-76		1.4:1			3.0		84 x 6 3/4 x 9	250	49.8	83.0	13	57	59	110							
Y51 - 5	76-82								240	50.8	76.0	13	54	55	100							
Y51 - 6	82-88		225						47.3	74.0	12	51	50	100								
Y51 - FM	88-108		1.6:1						3.0	84 x 6 3/4 x 9	180	35.1	70.0	12	48	45	90					
Y51 - C	88-96										220	44.3	69.0	12	46	45	90					
Y51 - D	96-104		1.4:1								3.0	84 x 6 3/4 x 9	210	41.3	63.5	12	43	45	80			
Y51 - E	104-112	200		41.4	56.0		12						40	40	75							
Y53 - 70	50-90	7.0	2.5:1	65.0	110.0		180						3	66.3	115.0	17	83	64	120	4.9	8 1/2 x 7 1/2 x 118	
Y53 - 115	90-140						140						3	43.1	66.5	12	52	40	75	1.1	5 3/4 x 4 1/4 x 74	
Y53B - 125	100-150	7.5					2.5:1						65.0	110.0	140	2	65.5	58.0	11	48	37	70
Y53B - 160	130-190					130		3							30.8	44.0	8	35	27	50	0.7	7 x 3 1/2 x 47
Y53B - 185	150-225					125		2							43.0	39.0	6	31	24	45	0.6	5 1/4 x 3 3/4 x 49
Y53B - 220	190-250					100		3							28.0	33.0	7	28	22	40	0.7	7 x 3 1/2 x 47
Y53B - 280	225-335					125		2	36.8	26.5					6	23	16	30	0.6	5 1/4 x 3 1/4 x 49		
Y53B - 281	250-310					100		3	25.5	27.0					6	23	16	30	0.5	7 x 3 1/2 x 35		
Y53B - 355	310-400					70		2	21.8	19.0	6	19			14	25						
Y53B - 417	335-500					70		2	25.7	19.0	5	17			14	25	0.6	5 1/4 x 3 3/4 x 49				
Y54 - 31	30-32		8.0	1.4:1	60.0	100.0		1200	2	140.0	201.0	40			150	144	270	6.4	204 x 6 3/4 x 8			
Y54 - 33	32-34							1150		130.0	193.0	38			142	138	260	6.1	196 x 6 3/4 x 8			
Y54 - 35	34-36	1125					122.0	175.0		36	136	133	250	5.6	178 x 6 3/4 x 8							
Y54 - 37	36-38	1100					107.0	167.0		34	127	117	220	5.3	171 x 6 3/4 x 8							
Y54 - 39	38-40	1050					103.0	158.0		32	120	117	220	5.0	161 x 6 3/4 x 8							
Y54 - 41	40-43	1025					94.0	152.0		30	114	112	210	4.8	155 x 6 3/4 x 8							
Y54 - 44	43-46	1000					90.0	141.0		29	107	106	200	4.6	147 x 6 3/4 x 8							
Y54 - 48	46-50	950					107.0	133.0		27	104	101	190	4.3	137 x 6 3/4 x 9							
Y54 - A	50-54	900					80.0	126.0		26	96	91	170	4.5	129 x 6 3/4 x 9							
Y54 - 2	54-60	1.5:1					3.6	114 1/4 x 6 3/4 x 8		875	74.0	114.0	25	89	80	160	3.6	114 1/4 x 6 3/4 x 8				
Y54 - 3	60-66		850	67.0	103.0	24			89	75	160											
Y54 - 4	66-72	800	68.0	92.0	22	75			70	140	3.5	110 1/2 x 6 3/4 x 8										
Y54 - 5	76-82	750	57.0	78.0	21	66			60	120												
Y54 - 6	82-88	720	52.0	74.0	20	63			55	110	3.0	84 x 6 3/4 x 9										
Y54 - BA	72-76	785	71.0	83.0	21	63			55	110	3.0	84 x 6 3/4 x 9										

* Suffix indicates TV channel ** dB referenced to an isotropic source.

All models equipped with 50 Ohm type "N" terminal.
NOTE: Welded Construction on "B" Models available on special request.