

Comparison Chart  
(VU- and U-Model Antennas)

Faxback # 44032

The following chart lists Specifications of each antenna for each band.

		Gains			
		Lo-Band	Hi-Band	UHF	FM
150-2151	VU-75XR	2.8	5.8	5.8	-0.8
150-2152	VU-90XR	3.7	5.9	6.4	1
150-2153	VU-110XR	4.1	6.5	8.6	1
150-2154	VU-120XR	5.2	7.6	8.8	1.6
150-2155	VU-160XR	5.4	7.8	9.3	1.6
150-2156	VU-190XR	5.9	8.2	9.6	1.9
150-2157	VU-210XR	6.1	8.7	11	2.2

		F/B Ratio			
		Lo-Band	Hi-Band	UHF	FM
150-2151	VU-75XR	8	9	15	6
150-2152	VU-90XR	12	12	16	11
150-2153	VU-110XR	13	15	18	11
150-2154	VU-120XR	16	18	20	14
150-2155	VU-160XR	19	18	20	14
150-2156	VU-190XR	20	18	20	16
150-2157	VU-210XR	20	20	20+	16

		Half Power Bandwidth			
		Ch 2-6	Ch7-13	FM	UHF Band
150-2151	VU-75XR	69 deg	49 deg	72 deg	54 deg
150-2152	VU-90XR	66 deg	42 deg	68 deg	
150-2153	VU-110XR	64 deg	38 deg	64 deg	33 deg
150-2154	VU-120XR	60 deg	34 deg	61 deg	26 deg
150-2155	VU-160XR	58 deg	32 deg	61 deg	26 deg
150-2156	VU-190XR	54 deg	29 deg	60 deg	23 deg
150-2157	VU-210XR	51 deg	28 deg	60 deg	22 deg

The following chart lists the length, height, width, number of boom elements (VHF/UHF), and weight of each antenna.

		Length	Height	Width	Boom Elmts	VHF/UHF Elmts	Wght
150-2151	VU-75XR	50"	25"	87"	18	8/10	4.0#
150-2152	VU-90XR	80"	32"	95"	26	10/16	5.7#
150-2153	VU-110XR	100"	32"	95"	32	13/19	6.6#
150-2154	VU-120XR	120"	38"	95"	37	17/20	8.1#
150-2155	VU-160XR	140"	38"	95"	42	19/23	9.2#
150-2156	VU-190XR	160"	38"	95"	57	24/27	11.2#
150-2157	VU-210XR	190"	38"	95"	58	26/32	13.2#
150-2160	U-75R	40"	32"	16"	17	0/17	
150-2161	U-100R	80"	38"	16"	26	0/26	
150-2162	U-120XR	100"	38"	20"	33	0/33	
150-2163		70"	8"	66"	6	0/6	
150-2164		8"	2"	54"	2	0/2	

The following chart lists the ranges of each antenna for each band in miles. VHF is channels 2-13; UHF is channels 14-69.

Cat. No.	Antenna	VHF Range	UHF Range	FM Range
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150-2151	VU-75XR	75	50	50
150-2152	VU-90XR	90	70	70
150-2153	VU-110XR	110	90	90
150-2154	VU-120XR	120	90	90
150-2155	VU-160XR	160	100	100
150-2156	VU-190XR	190	100	100
150-2157	VU-210XR	210	135	135

(Rev TLC 04/30/2001)  
(SM 08/02/2000)

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