



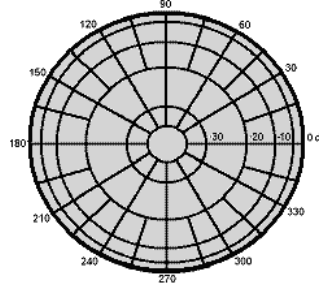
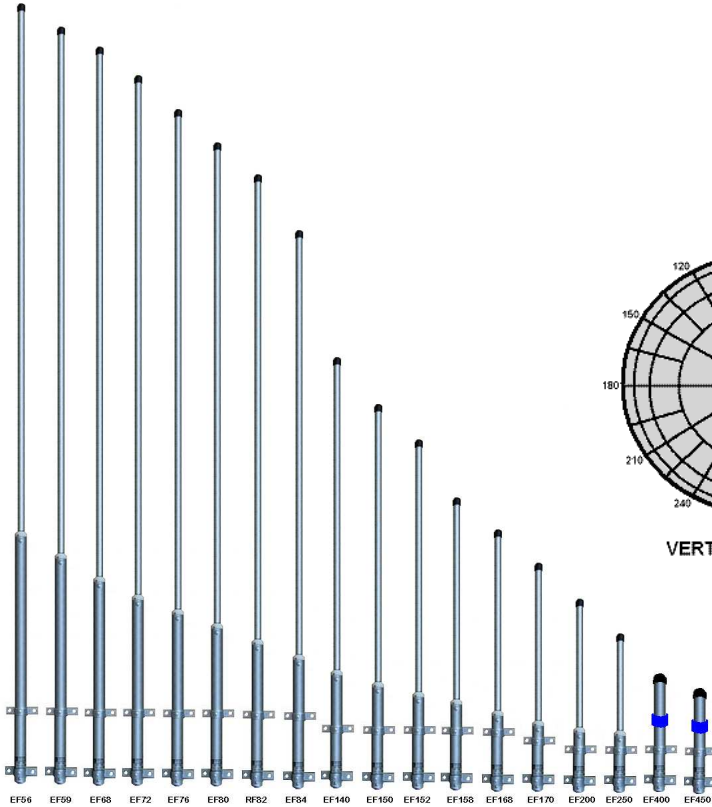
**RADIO FREQUENCY INDUSTRIES (PTY.) LTD.**

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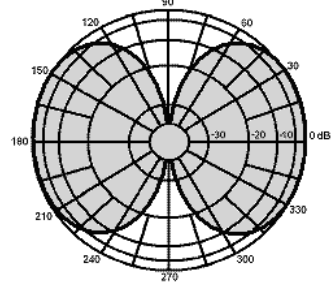
CK No : 2005/006095/07 Phone : +27(0)11 869 9285  
 VAT No : 4470219918 Fax : +27(0)86 509 2874  
 rf-sales@rfind.co.za Cell : +27(0) 82 765 3007

24 Hendrik Potgieter Street, P.O. Box 1500  
 Corner 5th Avenue ALBERTON  
 ALBERTON NORTH, 1450 1450

# END-FED 1/2 WAVE BASE STATION ANTENNAS



VERTICAL RADIATION PATTERN



HORIZONTAL RADIATION PATTERN

RFI ORDER CODE	GAIN IN dBi	FREQ. IN MHz.	VSWR @ RES.	POWER IN WATT	IMP. IN OHM	BAND WIDTH @ 1.5:1	WEIGHT IN Kg.	TERMI-NATION	TOTAL LENGTH ASSEMBLED In Met.	PACKING LENGTH In mm
EF-56	UNITY	54 - 58	<1.5:1	100	50	100%	1.7	UHF FEMALE	4020	2680
EF-59	UNITY	59 - 66	<1.5:1	100	50	100%	1.5	UHF FEMALE	3900	2600
EF-68	UNITY	66 - 70	<1.5:1	100	50	100%	1.4	UHF FEMALE	3200	2150
EF-72	UNITY	70 - 74	<1.5:1	100	50	100%	1.35	UHF FEMALE	3140	2100
EF-76	UNITY	74 - 78	<1.5:1	100	50	100%	1.3	UHF FEMALE	3020	2000
EF-80	UNITY	78 - 82	<1.5:1	100	50	100%	1.25	UHF FEMALE	2800	1800
EF-84	UNITY	82 - 86	<1.5:1	100	50	100%	1.2	UHF FEMALE	2630	1740
EF-140	UNITY	136 - 144	<1.5:1	100	50	100%	1.0	UHF FEMALE	1500	1000
EF-150	UNITY	144 - 154	<1.5:1	100	50	100%	1.0	UHF FEMALE	1407	938
EF-152	UNITY	148 - 156	<1.5:1	100	50	100%	0.9	UHF FEMALE	1365	910
RF-158	UNITY	154 - 162	<1.5:1	100	50	100%	0.9	UHF FEMALE	1324	883
EF-168	UNITY	160 - 168	<1.5:1	100	50	100%	0.9	UHF FEMALE	1287	858
EF-170	UNITY	166 - 174	<1.5:1	100	50	100%	0.8	UHF FEMALE	1250	883
EF-200	UNITY	190 - 210	<1.5:1	100	50	100%	0.75	UHF FEMALE	709	858
EF-250	UNITY	247 - 263	<1.5:1	100	50	100%	0.6	UHF FEMALE	81	833
EF-400	UNITY	390 - 430	<1.5:1	100	50	100%	0.5	N TYPE FEMALE	475	475
EF-450	UNITY	440 - 470	<1.5:1	100	50	100%	0.5	N TYPE FEMALE	434	434

Manufacturers of : Two-Way Radio Antennas, Duplexers, Filters, Combiners, Splitters, Lightning protectors & other RF Products.  
 Sales and Distribution of: Two-Way Radios, Repeater Systems, Power Meters, Microphones, Power Supplies, Cables & Connectors.



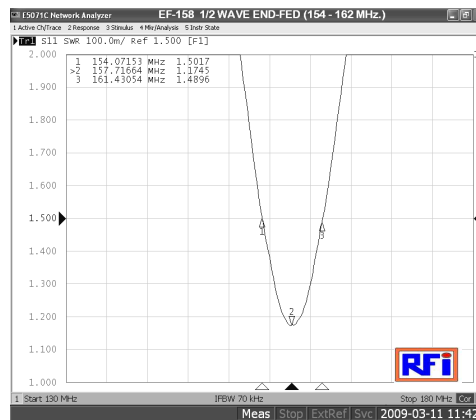
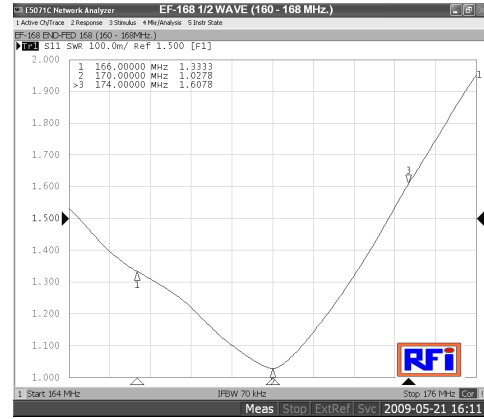
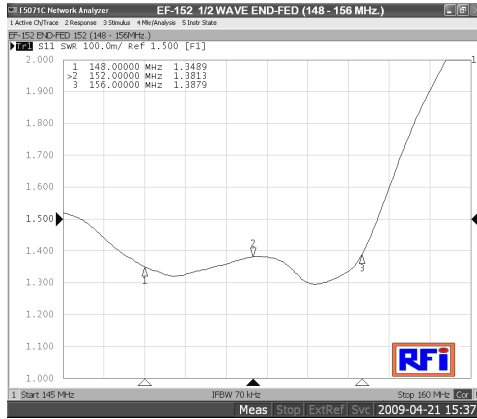
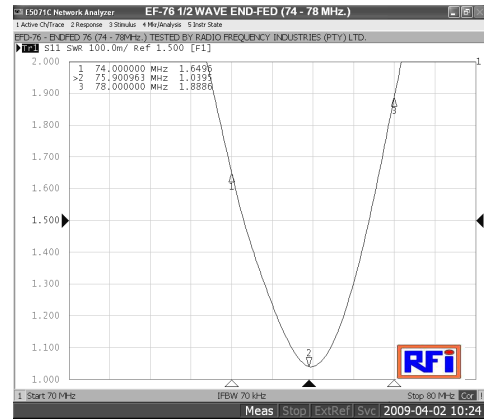
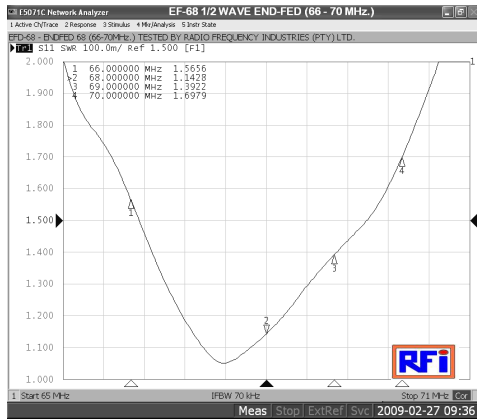
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## TYPICAL VSWR TRACES FOR END-FED 1/2 WAVE BASE STATION ANTENNAS



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