



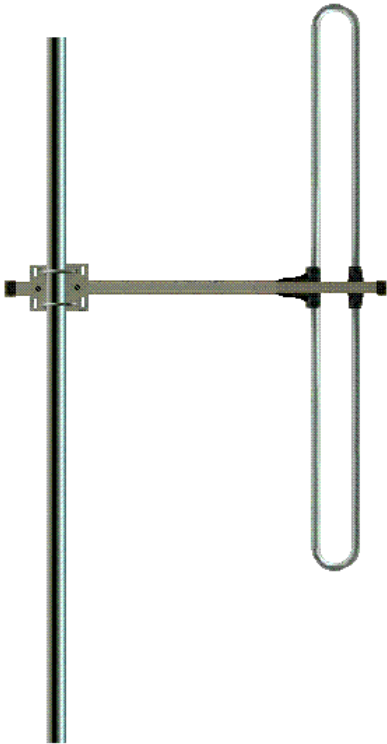
**RADIO FREQUENCY INDUSTRIES (PTY.) LTD.**

*"Simply The Best"*

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

# FD-160 (146 - 174 MHz.) FOLDED DIPOLE ANTENNA



ALL FOLDED DIPOLE & DIPOLE ARRAYS ARE AVAILABLE IN STAINLESS STEEL ON REQUEST.

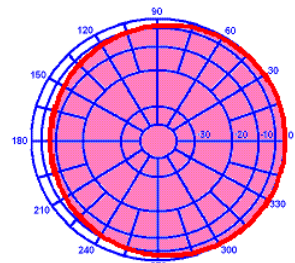
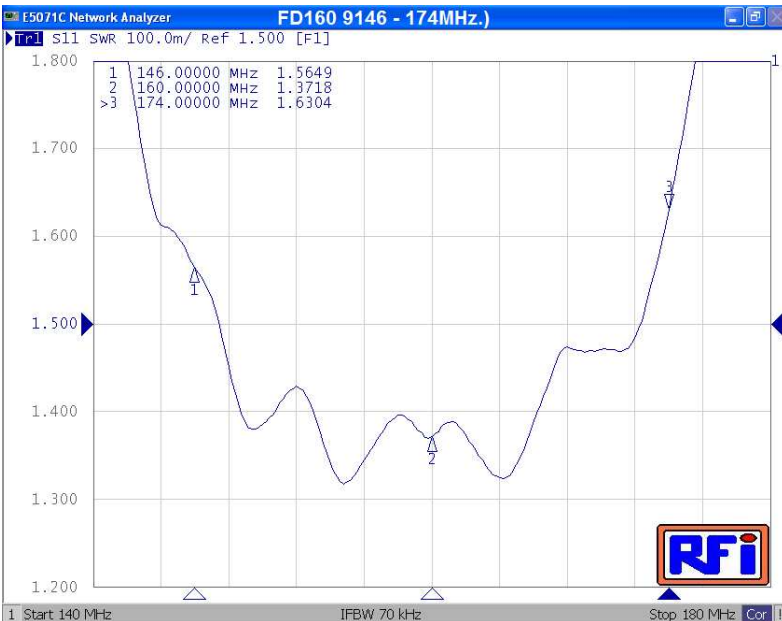
HIGH POWER VERSIONS ARE AVAILABLE ON REQUEST.

ANY CONNECTOR CAN BE FITTED ONTO THE FEED POINT OF THE ANTENNA OR ANTENNA ARRAY ON REQUEST.

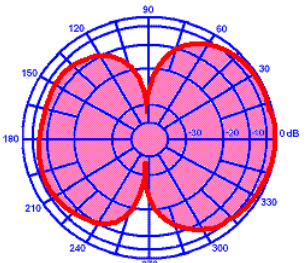
DIPOLES CAN BE MOULDED ONTO THE PHASING HARNESS ON REQUEST TO MINIMIZE LOSSES.

ELECTRICAL DOWN-TILTING CAN BE DONE ON DIPOLE ARRAYS.

FEED POINT TO RADIATOR IS INJECTION MOULDED TO AVOID WATER INGRESS TO ANTENNA.



VERTICAL RADIATION PATTERN



HORIZONTAL RADIATION PATTERN

RFI ORDER CODE	GAIN IN dBi	FREQ. IN MHz.	VSWR @ RES.	POWER IN WATT	IMP. IN OHM	WIND LOAD @45MS (N)	BAND WIDTH @ 1.5:1	WEIGHT IN Kg.	TERMINATION	TOTAL LENGTH In Met.	BOOM LENGTH In mm
FD-160	UNITY	146 - 174	<1.5:1	500	50	75	28MHz.	2.2	N MALE	840	840

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.