

### PRODUCT DESCRIPTION

A single broadband UHF model provides optimum performance over the desired band. The 75 Ohm feed point is sealed within the boom. A short length of cable is fitted with a standard “F” connector for connection to the down lead. This light weight, high quality antenna is small in size but big on performance.

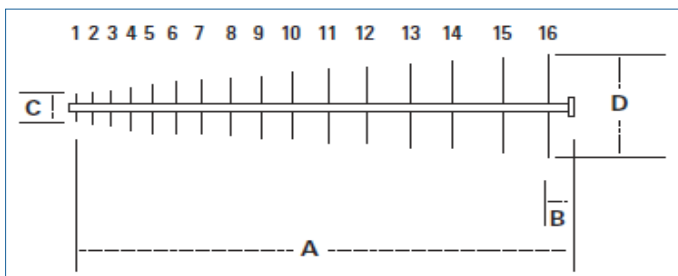
#### ELECTRICAL SPECIFICATIONS

Frequency Range - MHz	470 - 800
Channels	14 - 69
Gain - dB	11
Impedance - Ohm	
Front to Back Ratio - dB	>25
Polarization	H or V
Horz Beam Width - °	46
Vert Beam Width - °	65
Side Lobe Supp - dB	>30
Connector Type	'F'
Standard Mount	3/8" U-bolts, fit 3" OD Pipe

Where interfering signals such as co-channel, adjacent channel and ghosting are present, custom arrays can be designed to reduce the level of interference by as much as 40 dB in most cases.

#### OVERALL DIMENSIONS

Number of Elements	16
Boom Length A - in	45.25
Boom Length B - in	2.675
Shortest Length C- in	3.675
Longest Element D - in	11



#### MECHANICAL SPECIFICATIONS

Boom Length - in	45.3
Weight - lbs	
No Ice*	5.8
1" Radial Ice**	35
Wind Load - lbs	
No Ice*	23
1" Radial Ice**	15
Wind Torque (ft-lbs)	65
No Ice*	43.5
1" Radial Ice**	28.5
Wind Load Area - sq. ft.	
No Ice*	0.63
1" Radial Ice**	1.42

\*Wind Speed: 100mph \*\*Half Wind: 50mph

