

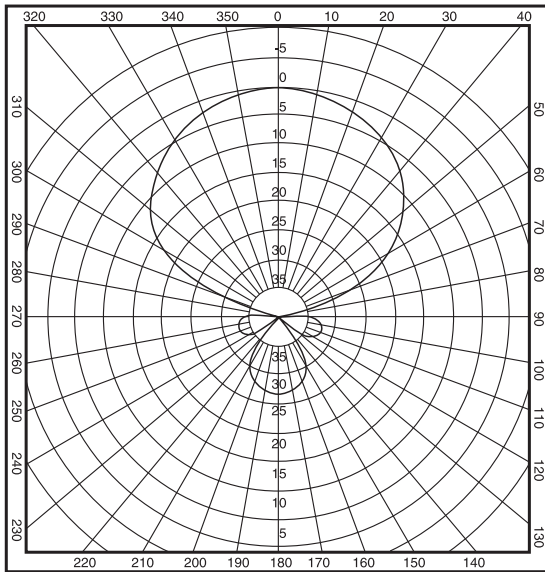
WADE ANTENNA

LOW BAND VERTICAL PAIR ARRAY MODELS:

- ◆ WL 2-4/VP ◆ WL 3-5/VP
- ◆ WL 4-6/VP ◆ WL 6-FM/VP

VERTICAL PAIR

This array has been engineered for maximum gain with narrow vertical beam width to reduce the effects of man-made noise in the immediate foreground. Where fixed sources of noise such as power lines exist, it may be possible to improve the signal to interference ratio with a custom designed array.



WADE LOG PERIODIC ANTENNA

VERTICAL PAIR

ELECTRICAL SPECIFICATIONS

SPECIFICATION	WL 2-4/VP	WL 3-5/VP	WL 4-6/VP	WL 6-FM/VP
FREQUENCY RANGE	54-72 MHz	60-82 MHz	66-88 MHz	82-108 MHz
CHANNELS	2,3&4	3,4&5	4,5&6	6&FM
GAIN	12 dBi	12 dBi	12 dBi	12 dBi
IMPEDANCE	75 Ohm	75 Ohm	75 Ohm	75 Ohm
VSWR	<1.3:1	<1.3:1	<1.3:1	<1.3:1
FR:BK RATIO	>25 dB	>25 dB	>25 dB	>25 dB
POLARIZATION	H OR V	H OR V	H OR V	H OR V
H. BEAM WIDTH	60 deg.	60 deg.	60 deg.	60 deg.
V. BEAM WIDTH	36 deg.	36 deg.	32 deg.	32 deg.
SIDE LOBE SUPPRESSION*	>30 dB	>30 dB	>30 dB	>30 dB
CONNECTORS**	"F" Connector			
STD. MOUNT	1/2" U-Bolts to Fit 31/2" O.D. Pipe			

THESE STANDARD ARRAYS HAVE BEEN DESIGNED FOR MAXIMUM FORWARD GAIN AND BEST OVERALL SIDELobe PERFORMANCE. 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.

WADE LOG PERIODIC ANTENNA

VERTICAL PAIR		WIND AND ICE LOADING			
SPECIFICATION		WL 2-4/VP	WL 3-5/VP	WL 4-6/VP	WL 6-FM/VP
BOOM LENGTH		144"	144"	128"	137"
WEIGHT (LBS):					
NO ICE'		335	335	323	331
1" RAD. ICE''		625	625	585	595
WIND LOAD (LBS):					
NO ICE'		295	295	211	218
1" RAD. ICE''		285	285	260	270
WIND TORQUE (Ft-Lbs):					
NO ICE'		1608	1608	1477	1490
1" RAD. ICE''		1596	1596	1300	1320
WIND SPEED	100 MPH				
HALF WIND	50 MPH				

DIMENSIONS - SEE SINGLE LOW BAND ANTENNA SPECIFICATIONS.