

136 -176 MHz

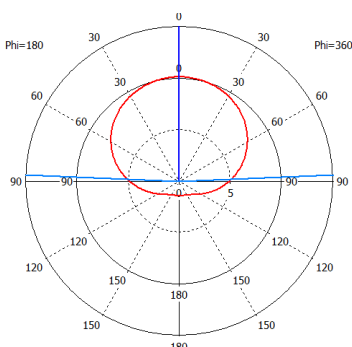
## HORWIN AD1602

HORWIN AD 1602 - is a two folded dipole elements wide band VHF antenna for professional radio systems. All antenna parts are made of aluminum and covered with polymer powdered protecting coating. All components of dipole element are DC grounded for better lightning and antistatic protection. The supporting mast doesn't include into ordering package.

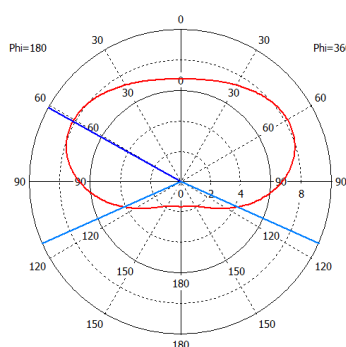


	AD1602
Frequency range, MHz	136 – 176
Bandwidth @ SWR < 1.5, MHz	40
Elements	2
Gain, dBd (1/4 λ dipole to mast spacing)	3
Gain, dBd (3/8 λ dipole to mast spacing)	5.6
Power rating, W	200
Overall dimensions ( H x W ),mm	2200x1100
Weight (aprox.), kg	5.9
Impedance, Ohm	50
Termination	N- female
Vertical beamwidth (3/8 spacing)	38°
Max. exposed area, m <sup>2</sup>	0.14
Lateral thrust at 45 m/s, H	165
Lightning protection	DC Grounded
Rated wind velocity, m/s	45
Rated wind velocity with 13mm icing, m/s	28

H-plane 1/4 λ dipole to mast spacing



H-plane 3/8 λ dipole to mast spacing



E-plane (Horwin AD 1602)

