

136 -176 MHz

## HORWIN AD1604

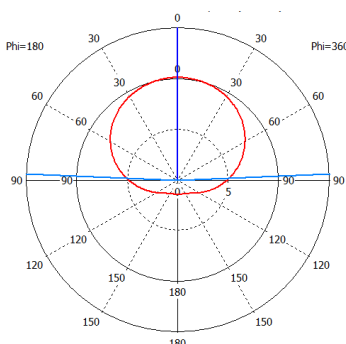
HORWIN AD 1604 - is a four folded dipole elements wide band VHF antenna for professional radio systems. All antenna parts are made of aluminum and covered with polymer powdered protecting coating. All components of dipole element are DC grounded for better lightning and antistatic protection. The supporting mast doesn't include into ordering package.



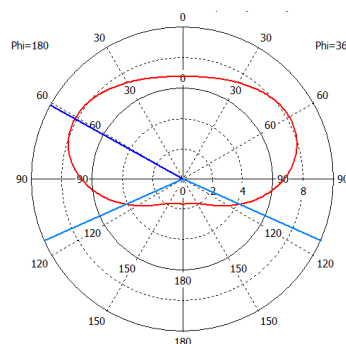
### AD1604

Frequency range, MHz	<b>136 – 176</b>
Bandwidth @ SWR < 1.5, MHz	<b>40</b>
Elements	<b>4</b>
Gain, dBd (1/4 λ dipole to mast spacing)	<b>6</b>
Gain, dBd (3/8 λ dipole to mast spacing)	<b>9</b>
Power rating, W	<b>200</b>
Overall dimensions ( H x W ),mm	<b>4800x1100</b>
Weight (aprox.), kg	<b>9.5</b>
Impedance, Ohm	<b>50</b>
Termination	<b>N- female</b>
Vertical beamwidth (3/8 spacing)	<b>18°</b>
Max. exposed area, m	<b>0.29</b>
Lateral thrust at 45 m/s, H	<b>335</b>
Lightning protection	<b>DC Grounded</b>
Rated wind velocity, m/s	<b>45</b>
Rated wind velocity with 13mm icing, m/s	<b>28</b>

H-plane 1/4 λ dipole to mast spacing



H-plane 3/8 λ dipole to mast spacing



E-plane (Horwin AD 1604)

