

# V1HZ12WC-2

138-174 MHz 8 Elements Exposed Dipole Antenna, Half Wave Design, Bi-Directional Patterns

Electrical Specifications	
Frequency Range (MHz)	138-174
Bandwidth (MHz)	36
Pattern	Bi-directional
Vertical Half-power Beamwidth (°)	8
Gain (dBi)	12
Polarization	Vertical
VSWR	≤1.8
Boom Wave Length Spacing	1/2 λ
Average Power, Maximum (W)	300
Impedance (Ω)	50
Lightning Protection	DC Ground

Mechanical Specifications	
Length (m)	10
Net Weight (kg)	45.5 (installation kit included)
Radiator Material	Aluminum Alloy
Number of Radiators	8
Connector	N Female or Customized

Environmental Specifications	
Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	160

Mounting Specifications	
MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED	
Mounting Mast Diameter (mm)	Φ 40 to 50



VHF ANTENNAS  
Omni