

# U3HZ12WC-4

380-470 MHz 8 Elements Exposed Dipole Antenna, Quarter Wave Design, Offset Patterns

## Electrical Specifications

Frequency Range (MHz)	380-470
Bandwidth (MHz)	90
Horizontal Half-power Beamwidth (°)	180
Vertical Half-power Beamwidth (°)	8
Gain (dBi)	12
Polarization	Vertical
VSWR	≤1.5
Boom Wave Length Spacing	1/4 λ
Average Power, Maximum (W)	150
Impedance (Ω)	50
Lightning Protection	DC Ground

## Mechanical Specifications

Length (cm)	550
Net Weight (kg)	22 (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)	200

## Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 40 to 50
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