

NEW

VHF binary dipole array

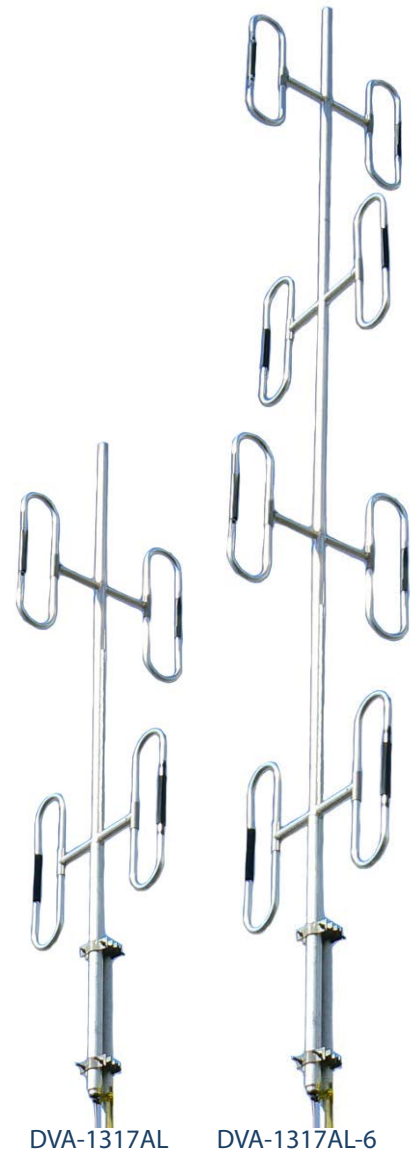
VHF 136-174MHz

4-8 dipoles omni-directional array

These VHF binary dipole arrays offers both an omni-directional radiation pattern and genuine broadband coverage across the entire VHF 136-174MHz frequency range.

The array is therefore ideally suited for multiple frequency transmissions at highly populated radio sites.

Specifications	DVA-1317AL	DVA-1317AL-6
Construction	Fully-welded corrosion resistant aluminium boom and dipoles or add -SS for 304 stainless steel	
Frequency range	VHF 136-174MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 across full band	
Tuning	Factory	Factory
Gain	3 dBd	6 dBd
Maximum power	250 Watts	250 Watts
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5 dBd	
E Plane	33°	20°
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Cable tail	1.0 metre RG58 - bottom exit from mount section can be manufactured with 2 cable tails for dual array	
Connector	N-type female fitted to cable	
Projected area	0.348m ²	0.672m ²
Wind load at 160kph	42.112kg, 0.413kN	81.36kg, 0.7971kN
Height	3.5 metres	5.6 metres
Mount section area	Aluminium - 48.4mm x 300mm Stainless steel - 50.8mm x 300mm	
Weight	Aluminium- 13.0kg Stainless steel - 20.0kg	Aluminium- 21.0kg Stainless steel - 28.0kg
Mounting hardware (order separate)	2 x UAM180L or UAM90L - 40-75mm capability 2 x UAM180UNI or UAM90UNI - 40-90mm capability	



DVA-1317AL

DVA-1317AL-6



UAM180L



UAM90L



UAM180UNI



UAM90UNI