

Airband binary dipole array

Airband 118-136MHz

4 dipole omni-directional array

The DVA-118136-3 binary dipole arrays offers both an omni-directional radiation pattern and genuine broadband coverage across the entire Airband 118-136MHz frequency range.

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

Filtering, lightning protection, coaxial cable and other installation accessories are all available separately.

Specifications	DVA-118136-3
Construction	Fully-welded corrosion resistant aluminium boom and dipoles or add -SS for 304 stainless steel
Frequency range	Airband 118-136MHz
Bandwidth	Full band
VSWR	<1.5:1 across full band
Tuning	Factory
Gain	3 dBd
Maximum power	250 Watts
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
Impedance	50 Ohms
DC grounding	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	0.339m ²
Wind load at 160kph	41.034kg, 0.402kN
Height	3.7 metres
Mount section area	Aluminium - 48.4mm x 300mm Stainless steel - 50.8mm x 300mm
Weight	Aluminium- 15.0kg Stainless steel - 22.0kg
Mounting hardware (order separate)	2 x UAM180L or UAM90L - 40-75mm capability 2 x UAM180UNI or UAM90UNI - 40-90mm capability



UAM180L



UAM90L



UAM180UNI



UAM90UNI