

NEW

Airband binary dipole array

4-8 dipole omni-directional array

Airband 118-136MHz

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	DVA-118136-6
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	3dBd	6dBd
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	0.648m ²
Wind load at 160kph	41.034kg, 0.402kN	78.516kg, 0.769kN
Height	3.7 metres	6.5 metres
Mount section	Aluminium - 48.4mm x 300mm Stainless steel - 50.8mm x 300mm	
Weight	Aluminium- 15.0kg Stainless steel - 22.0kg	Aluminium- 20.0kg Stainless steel - 30.0kg
Mounting hardware order separate	2 x UAM180L or UAM90L - 40-75mm capability 2 x UAM180UNI or UAM90UNI - 40-90mm capability	

