

NEW

DVA-1415-4

VHF 140-152MHz
Omni-directional array

The DVA-1415-4 VHF binary dipole array offers both an omni-directional radiation pattern and genuine broadband coverage across the entire VHF 140-152MHz frequency range.

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

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

Specifications	DVA-1415-4
Construction	2-piece fully-welded corrosion resistant aluminium boom and 304 stainless steel dipoles
Frequency range	VHF 140-152MHz
Bandwidth	Full band
VSWR	<1.5:1 across full band
Tuning	Factory
Gain	5 dBd
Maximum power	400 Watts
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E Plane	21°
Impedance	50 Ohms
DC grounding	Yes
Connector	N-type female as standard or specify requirements
Cable	1.0m external RG213 bottom exit from antenna
Projected area	0.532m ²
Wind load at 160kph	64.475kg, 0.632kN
Dimensions	Overall height: 6.4 metres Bottom boom: ø89mm diameter x 3.6m Top boom: ø76.2mm diameter x 3.0m (200mm insert)
Weight	41.0kg
Mounting hardware (order separate)	2 x UAM180L or UAM90L - 40-75mm capability 2 x UAM180UNI or UAM90UNI - 40-90mm capability



UAM180L



UAM90L



UAM180UNI



UAM90UNI