

UHF elliptical array

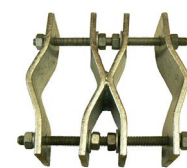
4 dipole sets

UHF 400-520MHz

These dipole arrays offers both an elliptical radiation pattern and genuine broadband coverage across the entire UHF/TETRA 400-520MHz frequency range. The array is therefore ideally suited for multiple frequency transmissions at highly populated radio sites.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	DUA-4052AL-6E	DUA-4052SS-6E
Construction	2-piece fully-welded corrosion resistant aluminium	2-piece fully-welded 304 grade stainless steel
Sets of dipoles	4 (8 dipoles)	
Frequency range	TETRA/UHF 400-520MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 across full band	
Tuning	Factory	Factory
Gain	6 dBd	6 dBd
Maximum power	500 Watts	500 Watts
Polarisation	Vertical	Vertical
H Plane		°
E Plane	°	°
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Cable tail	1.0 metre RG142 - bottom exit from mount section	
Connector	N-type female fitted to cable tail	
Projected area	0.m ²	0.m ²
Wind load at 160kph	kg, 0.kN	
Height	3.2 metres	
Mount section area	48.4mm x 300mm	50.8mm x 300mm
Weight	10.2kg	18.0kg
Mounting hardware (order separate)	2 x UAM180L - parallel or 2 x UAM90L - right-angle or consult ZCG for advice	



UAM180L



UAM90L