

## UHF binary dipole array

UHF 400-520MHz

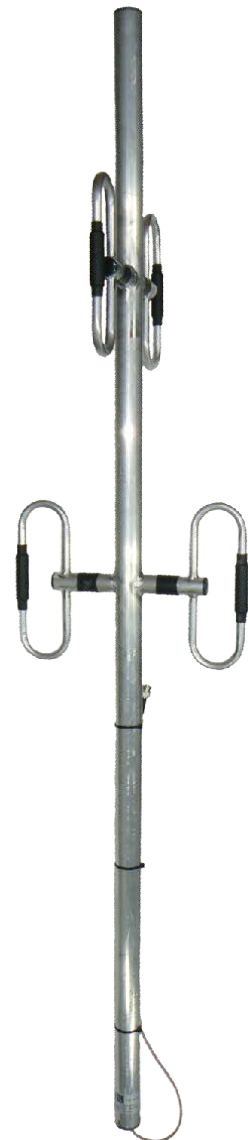
1-8 dipole set array

The binary dipole array offers both an omnidirectional radiation pattern and genuine broadband coverage across the entire UHF 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-4052-AL	DUA-4052-SS
Construction	Fully-welded corrosion resistant aluminium	Fully-welded 304 grade stainless steel
Frequency range	UHF 400-520MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 across full band	
Tuning	Factory	Factory
Gain	3 dBd	3 dBd
Maximum power	500 Watts	500 Watts
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5 dBd	
E Plane	32°	32°
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	0.093m <sup>2</sup>	0.093m <sup>2</sup>
Wind load at 160kph	11.267Kg, 0.110kN	
Height	2.0 metres	
Dipole height	41.5cm	
Mount section area	48.4mm x 300mm	
Weight	5.1Kg	10Kg
Mounting hardware (order separate)	2 x UAM180L or consult ZCG for advice	



### Other models available

DUA-4052AL-2	2dBd, 1 set of dipoles, 2.0m
DUA-4052-6	6 dBd, 4 sets of dipoles, 3.2m
DUA-4052-SS-6	6 dBd, 4 sets of dipoles, 3.2m
DUA-4052-9	9 dBd, 8 set of dipoles, 7.2m
DUA-4052-SS-9	9 dBd, 8 set of dipoles, 7.2m