

## S2B44-X & S4B44-X

### 2 or 4-stack individual dipole array

### UHF 400-520MHz

The S2B44-X and S4B44-X UHF dipole stack arrays comes in a 2 or 4-stack individual dipole configuration allowing for multiple receive and/or transmit capabilities.

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

Specifications	S2B44-X	S4B44-X
Construction	Corrosion resistant aluminium boom, dipoles and RG58 MIL-SPEC	
Dipoles/cables	2	4
Frequency range	UHF 400-520MHz	UHF 400-520MHz
Bandwidth	Full band	Full band
Return loss, VSWR	<1.5:1 across full band	
Tuning	Factory	Factory
Gain	0 dBd per dipole	0 dBd per dipole
Maximum power	250 Watts	250 Watts
Impedance - nominal	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
Isolation between dipoles	30dB	30dB
H Plane	360° omni-directional $\pm$ 3dB - per dipole	
E Plane	Consult ZCG	62°
Connector	N-type female in base of mount section	
Boom dimensions	1.8m x 48.4mm	3.4m x 48.4mm
Weight	6.0kg	10.0kg
Projected area	0.081m <sup>2</sup>	0.158m <sup>2</sup>
Wind load at 160kph	9.86kg, 0.97kN	19.169kg, 0.188kN
Mounting hardware (order separate)	2 x UAM180L or 2 x UAM90L - or consult ZCG for specific requirements	

