

## S4B250-1C series

VHF/UHF dipole stack array

200-400MHz

The S2B250-1C series of 4-stack dipole arrays, work within the VHF & UHF frequency range 200 to 400MHz, with a specified 50MHz bandwidth.

There are various methods of mounting these dipole stack arrays to a mast or tower. Please consult ZCG for advice about the best solution for your mounting arrangement.

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

Specifications	S4B250-1C	S4B250-1C-SS
Construction	Corrosion resistant aluminium	304 grade stainless steel
Dipoles in array	4	4
Frequency range	VHF/UHF 200-400MHz	
Bandwidth	Specify 50MHz when ordering	
Return loss, VSWR	Better than -15 dB, <1.5:1 across full band	
Tuning	Factory	Factory
Gain	7dBd	7 dBd
Maximum power	250 Watts	250 Watts
Impedance - nominal	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	240°	240°
E Plane	16°	16°
Connector	N-type female in base of mount tube - no cable	
Height at lowest frequency	3.6 metres - will reduce at higher frequencies	
Weight	13Kg	22Kg
Projected area	0.18m <sup>2</sup>	0.18m <sup>2</sup>
Wind load at 160kph	21.7Kg, 0.213kN	21.7Kg, 0.213kN
Mounting hardware (order separate)	2 x UAM180L - parallel 2 x UAM90L - right-angle	

