

VHF stack dipole arrays

2-stack or 4-stack dipole arrays

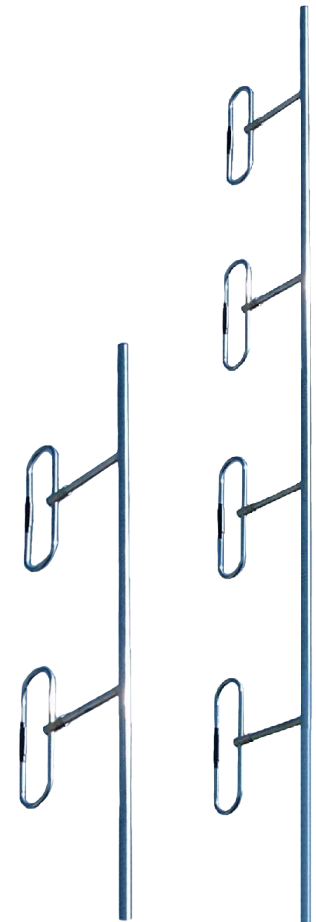
VHF 148-174MHz

These 2-stack or 4-stack dipole arrays cover the full VHF frequency range 148 to 174MHz.

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.

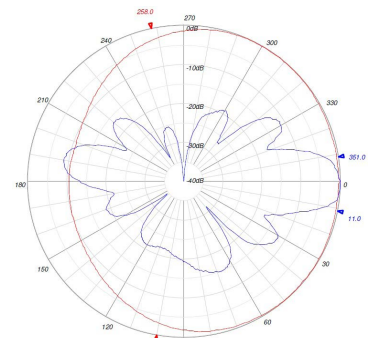
Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	S2B43-1C	S4B43-1C
Construction	Corrosion resistant aluminium, add -SS for 304 stainless steel	
Dipoles in array	2	4
Frequency	VHF 148-174MHz	
Bandwidth	Full band	
VSWR	<1.5:1 across full band	
Tuning	Factory	
Gain	4.5dBd	7dBd
Maximum power	250 Watts	
Impedance - nominal	50 Ohms	
DC grounding	Yes	
Polarisation	Vertical	
H Plane	240°	
E Plane	33°	16°
Connector	N-type female in base of mount section	
Mount section	3.3m x 50mm	5.6m x 50mm
Weight	9kg in aluminium 15kg in stainless steel	16kg in aluminium 28kg in stainless steel
Projected area	0.200m ²	0.362m ²
Wind load at 160kph	24kg, 0.239kN	44kg, 0.429kN
Mounting hardware order separate	2 x UAM180L	2-3 x UAM180L



S2B43-1C

S4B43-1C



S4B43-1C Radiation pattern