

VHF Stack Dipole Arrays

VHF 148-174MHz

2-Stack or 4-Stack

These 2 stack and 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 clamps, coaxial feeder cable, connectors and other installation accessories are all available separately.

| Specifications | S2B43-1C | S4B43-1C |
|---------------------------------------|--|--|
| Construction | Aluminium, add SS for stainless steel | |
| Dipoles in array | 2 | 4 |
| Frequency | VHF 148-174MHz | |
| Bandwidth | Full band | Full band |
| Return Loss, VSWR | <1.5:1 across full band | |
| Tuning | Factory | Factory |
| Gain | 4.5 dBd | 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 | 33° | 16° |
| Connector | N-type female in base of mount section | |
| Mount tube | 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 | 24Kg, 0.239kN | 44Kg, 0.429kN |
| Mounting Accessories (order separate) | 2 x UAM180L (top & bottom) or consult ZCG for advice | 3 x UAM180L (top, middle and bottom) or consult ZCG for advice |

