

UHF Dipole Stack Arrays

UHF 400-520MHz
2-Stack or 4-Stack

These UHF dipole stack arrays come in both 2 stack and 4 stack formations depending on your gain requirements.

If a power rating higher than 250 Watts is required, please contact ZCG for advice.

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

| Specifications | S2B44-1C | S4B44-1C |
|------------------------------------|--|--|
| Construction | Aluminium, or add SS for 304 grade stainless steel | |
| Dipoles | 2 | 4 |
| Frequency range | UHF 400-520MHz | |
| 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 | 1.5m x 50mm | 2.5m x 50mm |
| Weight | 6Kg in aluminium 9Kg in stainless steel | 10Kg in aluminium 15Kg in stainless steel |
| Projected area | 0.150m ² | 0.248m ² |
| Wind load at 160kph | 18.6Kg, 0.183kN | 30Kg, 0.294kN |
| Mounting hardware (order separate) | 2 x UAM180L or <u>consult ZCG for advice</u> | |

