

UHF Dipole Stack Arrays

TETRA/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	Welded Aluminium, or add -SS for 304 grade stainless steel	
Dipoles	2	4
Frequency range	TETRA/ UHF 400-520MHz	
Bandwidth	Full band	Full band
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 - no cable	
Mount section	1.5m x 50mm	2.5m x 50mm
Weight	6.0kg in aluminium 9.0kg in stainless steel	10.0kg in aluminium 15.0kg in stainless steel
Projected area	0.150m ²	0.248m ²
Wind load at 160kph	18.6kg, 0.183kN	30.0kg, 0.294kN
Mounting hardware (order separate)	2 x UAM180L - parallel 2 x UAM90L - right-angle or consult ZCG for advice	

