

## Dual Input UHF Dipole Stack Arrays

2-Stack or 4-Stack TX/RX applications

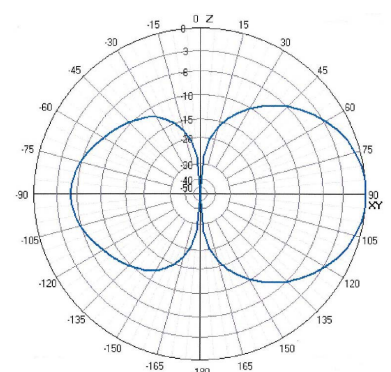
TETRA/UHF 400-520MHz

These UHF dipole stack arrays come in both 2 stack and 4 stack formations depending on your gain requirements with 2 external cables at the base, allowing for separate receive and transmit applications within the UHF 400-520MHz.

If a power rating higher than stated below is required, please contact ZCG for advice for 7/16" DIN model.

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

Specifications	S2B44-2CPH	S4B44-2CPH
Construction	Welded corrosion resistant aluminium, or add -SS for 304 grade stainless steel and external feeder cables	
Dipoles	2	4
Frequency range	TETRA/ UHF 400-520MHz	
Bandwidth	Full band	
VSWR	<1.5:1 across full band	
Tuning	Factory	
Gain	2.5dBd	5.5dBd
Maximum power	250 Watts per input	
Impedance - nominal	50 Ohms	
DC grounding	Yes	
Polarisation	Vertical	
H Plane	360° omni-directional ± 5dB	
E Plane	72°	62°
Connector	N-type female fitted to dual exit cables	
Dimensions	1.5m x 300mm x 48mm dia.	3.5m x 300mm x 48mm dia.
Weight	5.0kg in aluminium 6.0kg in stainless steel	8.0kg in aluminium 11.0kg in stainless steel
Projected area	0.150m <sup>2</sup>	0.248m <sup>2</sup>
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 <a href="#">consult ZCG for advice</a>	



S4B44-2CPH Vertical radiation pattern