4-Stack UHF Dipole Array

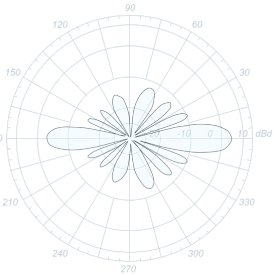
UHF Mobile Trunking 406—418 MHz

- ★ The CSD415 four-stack dipole array is designed for digital radio equipment, having a corporate feed catering for low transmitter lead-in times.
- ★ Can be installed having a radiation pattern of either omnidirectional or offset.
- ★ It is supplied complete with a 3 m mounting pole.
- ★ The dipoles and harness are manufactured and sealed as one unit.



Electrical Data

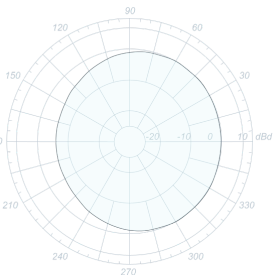
Sales code	**CSD415/4S**
Article number	**A10AA1119A**
Frequency	406—418 MHz
Average gain	6 dBd omnidirectional; 9 dBd offset
VSWR	≤ 1.5: 1
Polarisation	Vertical
Omni H-plane	3 dB beam width 360° ± **1 dB deviation from circularity**
Omni E-plane	3 dB beam width 18°
Offset H-plane	3 dB beam width 145°
Offset E-plane	3 dB beam width 16°
Rated power	100 W
Impedance	50 Ω
Termination	N-type male
Surge protection	All metal parts are directly grounded



Typical vertical pattern
4-stack

Mechanical Data

Wind velocity	≤ 200 km/h
Wind load @ 144 km/h	60 kg
Flat plate area	0.4 m^2
Material	Aluminium
Mounting	Not included
Antenna array length	3 m
Packed dimensions	**5 kg / 300 cm x 30 cm x 12 cm**



Typical horizontal pattern
Omnidirectional 2S dipole

Notes:
The horizontal radiation pattern is omnidirectional. Vertical polarisation.
Normalised scale - not amplification (gain).

Made in South Africa

Specifications subject to change without notice. Errors and omissions excepted (E&OE).