



MODEL 214D-2-IC

FEATURES

Vertically polarized, wide bandwidth, dual element folded dipole arrays.

These models have true omni-directional coverage and are designed for end mounting on top of a tower.

Electrical downtilt can be provided if ordered.

3 dB gain array.

CONSTRUCTION

The dipoles and hardware are stainless steel and the supporting masts are heavy-duty aluminium alloy.

Supplied with the dipoles clamped to the supporting mast and internal cabling.

NOTES

Supplied with installation instructions.

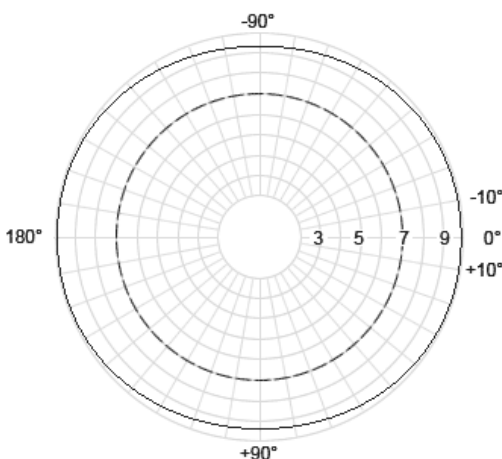
Please advise your frequencies for each array when ordering.



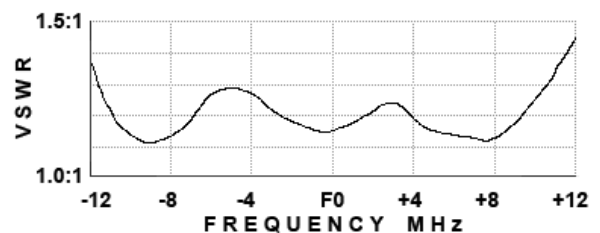
MODEL 214D-2-IC

MODEL NO	214D-2-IC
FREQUENCY RANGE	148 - 175 MHz
IMPEDANCE	50 ohms
BANDWIDTH	20 MHz
VSWR	1.5:1
GAIN	3dBd
BEAMWIDTH E	30°
BEAMWIDTH H	360°
POWER	250 Watts
LIGHTNING	DC GROUND
TERMINATION	'N' FEMALE
LENGTH	3000 mm
WEIGHT	15kg
DIPOLES/ELEMENTS	4
MOUNTING TUBE Ø	63mm
PROJECTED AREA	0.37 m ²
LATERAL THRUST *	0.650 kN (@ 175 km/h)

* In accordance with AS 1170 - Part 2 *SAA Loading Code - Wind Forces*



Typical Radiation Pattern MODEL 214D-2-IC



Typical VSWR Plot MODEL 214D-2-IC



POLAR ELECTRONIC INDUSTRIES PTY LTD

COMMUNICATIONS ENGINEERS

ACN : 005 545 291 ABN : 74 711 768 638

9 - 15 FRIARS RD MOORABBIN 3189 VICTORIA AUSTRALIA

T : + 61 3 9555 2500 F : + 61 3 9555 1515 TF : 1800 33 5633 (Australia only)

E : polar@polarelec.com.au W : http://www.polarelec.com.au

