



MODEL 118W

FEATURES

A range of vertically polarised, omni-directional, gain antennas.

Wide bandwidth model.

CONSTRUCTION

Heavy duty construction using an aluminium alloy mounting tube with the antenna radiating elements enclosed in a fibreglass radome to withstand severe environmental conditions.

NOTES

Available in an inverted hang mounting configuration to special order. Suffix "I".

Available in extra heavy duty construction and/or higher power versions.

Factory pre-set to a user-specified frequency and shipped ready for installation



Model 118W

MODEL NO	118W
FREQUENCY RANGE	70 - 108 MHz
IMPEDANCE	50 ohms
BANDWIDTH	2.5 MHz
VSWR	1.5:1
GAIN	3dBd
BEAMWIDTH E	30°
BEAMWIDTH H	360°
POWER	250 Watts
LIGHTNING	DC GROUND
TERMINATION	'N' FEMALE
LENGTH	6500 mm
WEIGHT	3.9kg
MOUNTING TUBE Ø	40mm
PROJECTED AREA	0.18 m ²
LATERAL THRUST *	0.310 kN (@ 175 km/h)

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



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

