

REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	GI	GI	7/13/2011



Colour	Black
Frequency Range	Any frequency between 2-30 MHz
Channel Capacity	Infinite between 2-30 MHz, continuously variable
Length	With whip top: 2.55 metres (8.4 ft); whip top removed: 1.3m (4.2ft)
Pattern	Omnidirectional
Polarisation	Vertical; part horizontal (NVIS) possible
Input Impedance	50Ω (nominal)
VSWR	1.9:1 (typically 1.3:1)
Power Rating	140W PEP; maximum data 4 mins per 1/2 hour at maximum power (maximum power 100W 4-30 MHz, 50W 3-4 MHz, 30W 2-3 MHz)
Power Consumption	Static: 100mA; tuning: 2A (typical); 12v DC nominal
Mountings (Antenna)	Anti-vibration mount, 12mm zinc plated steel stud, 30mm (1.2 in) long, supplied with nut and washers
Packed Weight	Antenna and control unit: 6 kg (13.2 lbs)

UNLESS OTHERWISE SPECIFIED DIMENSIONS : mm ANGLES : d.		NEARSON INC.			
CUSTOMER N°	FILE N°	TITLE : Automatic tuning antenna system for multi-frequency HF radio mobile and base station communications			
		SIZE A4	NMO-01-0030		
		SCALE : N.D.		<table border="1"> <tr> <td>REV A</td> <td>Doc.</td> </tr> <tr> <td>Prod.</td> <td></td> </tr> </table>	REV A
REV A	Doc.				
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