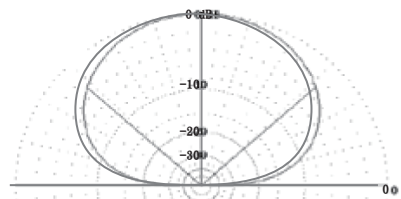


REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	GI	GI	7/13/2011



Colour	Standard is Bronze Olive. Option other colours to order.
Frequency Range, Overall	2-30 MHz
NVIS Band	3-17 MHz
Radiation Pattern	Hemispherical
VSWR	<2:1, typically 1.6:1 2-30 MHz with suitable ATU
Power Capability	150W CW, 300W PEP, dependent upon ATU capability
EMP/Overtoltage System (option)	45kV 1.2/50 micro second (rise/fall times) voltage pulse, 5kA 8/20 microsecond current pulse.
Antenna Dimensions	1000mm (39.3 in) height to top of radiator at centre; 1880mm (74 in) centre spacing between base insulators; 85mm (3.35 in) diameter base insulators
Base Plate (optional)	2000 x 330 x 6mm (79 x 13 x ¼ in)
ATU (option)	Tuning time initial <2 seconds, recurrent <10 milli seconds; Power capability 150W PEP, 50W CW, 12V DC (24V option) at 900 mA
Weight	Antenna only: 2.2kg (4.8 lbs)



maximum radiation at 90° elevation-3dB at 40°

UNLESS OTHERWISE SPECIFIED DIMENSIONS : mm ANGLES : d.		NEARSON INC.			
CUSTOMER N°	FILE N°	TITLE : HF vehicle semi-loop antenna system			
		SIZE A4	NMO-01-0036		
		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.				
Prod.					
		SHEET 1 of 1			