

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



Colour	Standard is Grey. Option other colours to order.
Frequency Range	1-30 MHz.
Overall Length	(approx) 12 metres (40ft)
Radiator Diameter	127mm (8.25 in) tapering to 50.8mm (2 in) at tip
Base Diameter	344mm (13.5 in)
Impedance	50Ω nominal
Power Capability	4kW CW
VSWR	<3.0:1, typically <2:1
Pattern	Omnidirectional in azimuth plane
Polarisation	Vertical
Wind Survival	Designed to withstand wind velocities of 224 km/h (140 mph) without ice; ice loading 22kg/sq m (4.5 lbs/sq ft)
Temperature	-50 to +65°C (-60 to +150°F); 100% humidity
Connector	LC type on base (side feed)
Mounting	Flange base with 8 equally spaced 17.5mm (0.69 in) holes on 273mm (10.75 in) circle, identical to current 107BB/S pattern
Weight	160 kg (350 lbs); packed 378kg (832 lbs)

UNLESS OTHERWISE SPECIFIED DIMENSIONS : mm ANGLES : d.		NEARSON INC.			
CUSTOMER N°	FILE N°	TITLE : High power capability broadband HF whip antenna			
		SIZE A4	NMO-01-0029		
		SCALE : N.D.		<table border="1"> <tr> <td>REV A</td> <td>Doc.</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 1 of 1</td> </tr> </table>	REV A
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