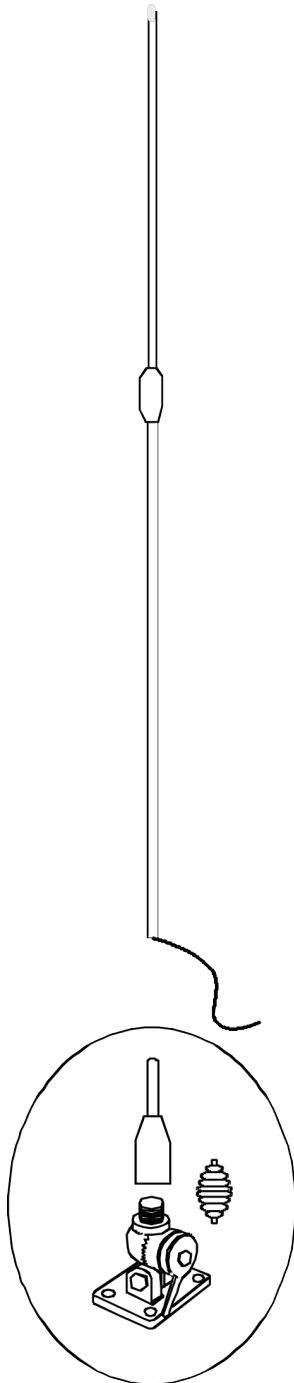


REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	GI	GI	2/26/2013



Colour	Standard is Black.	Optional White
VHF Band	High Band: 146-180 MHz	Low/Mid Band: 40-145 MHz
Overall Length	Overall Length	2.54 metres (8.3 ft), approx
Radiator Length	1.59metres (5.48 ft), approx	1.73 metres (5.6 ft), approx
Radiator Diameter	0.9 metres (3 ft), approx	12.7mm (0.5 in)
Mounting Tube Length	12.7mm (0.5 in)	
Mounting Tube Dia	0.53 metres (1.75ft)	
Pattern	23mm (0.88 in)	
Polarisation	Omnidirectional, maximum radiation 90° to radiator	
Frequency Range	Vertical	
	Pretuned to specified VHF band frequency. Normally 156.8 MHz (Channel 16) or 77 MHz. Other frequencies to order.	
Bandwidth	7 MHz	
VSWR	Better than 1.2:1 at centre frequency	
Gain	Gain	
Impedance	2.2 dBi	
Wind Loading	50Ω nominal	2.3 kg at 100 km/h (5 lbs at 60 mph); 4.17 kg at 130 km/h (9.2 lbs at 81 mph)
	1.64 kg at 100 km/h (3.6 lbs at 60 mph); 3 kg at 130 km/h (6.6 lbs at 81 mph)	
	Wind Survival 175 km/h (110 mph)	
Power Capability	80 watts	
Mountings	Either: two 63 mm (2.5 in) nylon clamp type insulators, 35 mm diameter (1 3/8 in), threaded to take M10 set screw ; stainless steel swingdown mount (1" thread) adjustable in both planes; or 12mm metric bolt (not supplied)	
Connection	5 metres RG58 co-axial cable with PL259 (UHF) plug, UHF or N Type female connector fitted in base of mounting tube (specify)	
Packed Weight	2 kg (4.4 lbs)	

UNLESS OTHERWISE SPECIFIED DIMENSIONS : mm ANGLES : d.		NEARSON INC.	
CUSTOMER N°	FILE N°	TITLE : For marine or land communications in the VHF Band	
		SIZE A4	NMO-01-0071
		SCALE : N.D.	
			SHEET 1 of 1