

PELANGI

FOG SIGNALS

FW SERIES

Omni-directional Fog Signals, for 1/2 to 2 mile range applications.



FW1 Fog Signal, for 0.5 mile range applications

- Choice of 2 variants for ½ mile range requirements to suit solar applications. FW3 consumes 22% less power than FW1 – see table overleaf.
- Durable marine grade aluminium horns and casing, creating a lightweight and durable unit.
- Very compact overall dimensions, low weight, and simple mounting arrangement.

FW series is an efficient compact fog signal suitable for use on platforms, large buoys, and in hazardous areas.

- Powered from 12Vdc. Low consumption makes the Fog Signal ideal for connection to solar power in remote locations.
- Easy access to internal components – see below:



FW3 components including 3 separate drivers for more economical power consumption.

- High quality and reliability. Certified by the US Coast Guard, and certified for hazardous area use.
- Self-contained, with no external controls required. Able to be programmed to sound morse 'U' or other codes.
- Able to be controlled externally by an FD7100 Fog Detector or PELANET monitoring system.
- Options for 12 or 24VDC versions are available.

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FW6, 2 mile range Fog Signal

TECHNICAL SPECIFICATION

Model	FW1	FW3	FW6
Sound Output @1m	120.5dB	120.5dB	133.2dB
Horizontal Coverage	360 degrees		
Power Input	9.86W	7.67W	96W
Number of Drivers	1	3	6
Diaphragms	Phenolic		
Magnet	Neodymium		
Emitter Frequency	653Hz		
Range (IALA)	0.5NM	0.5NM	2NM
Voltage Input	10-15VDC		
Optional Voltage	24VDC up to 30VDC		
Waveform	Modified Sine Wave		
Typical Efficiency	~80%		
2 hour time delay option	Included		
Codes	Morse 'U' every 30 or others available.		
Housing Colour	High visibility Orange		
Humidity	100%		
Height	676mm	632mm	1264mm
Weight	32Kgs	32Kgs	64Kg
Mounting	3 x 14mm holes on 212 PCD		
Hazardous Area Classification	Class I, Division II, Groups C/D		
Accreditation	USCG, IALA.		



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