

Application:

The AR2DAB series of antennas are high quality broadcast receiving antennas designed for use on pleasure craft as well as commercial vessels.

The antennas are design to operate over the two DAB frequency bands of 174-240 MHz and 1452-1492 MHz in addition to the regular FM-band of 88-108 MHz.

Electrical specification

Frequency range	160 – 250 MHz 1400-1500 MHz 88-108 MHz
Nominal impedance	50 ohm *
Power rating	Receiving antenna
Polarisation	Vertical
Connector	N female
DC-grounded	Element is grounded, DC block to prevent short of DC supply voltage from radio

Mechanical specification

Design	Whip with transformer. Radiating element completely enclosed in polyurethane foam within a fibreglass tube.
Height	4' (1,25 m.)
Weight	0.5 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +71 °C; -67 °F, +160°F
Mounting	See diagrams on page 2

Models

AR2DAB-P4	4 ft (1.25m) DAB / FM receiving antenna, threaded mounting
AR2DAB-M4	4 ft (1.25m) DAB / FM receiving antenna, bulkhead or pole mounting

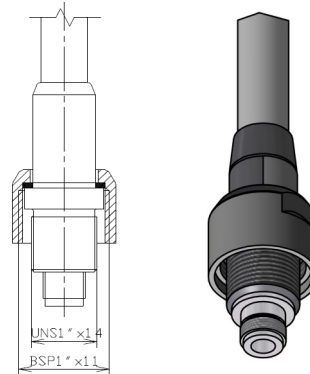
* A 50Ω coaxial cable is recommended between antenna and receiver (even if the receiver is specified to be 75Ω).

Mounting:

AR2DAB-P4

AR2DAB-P4 is fitted with a UNS 1" x 14 male mounting thread and BSP 1" x 11 nut.

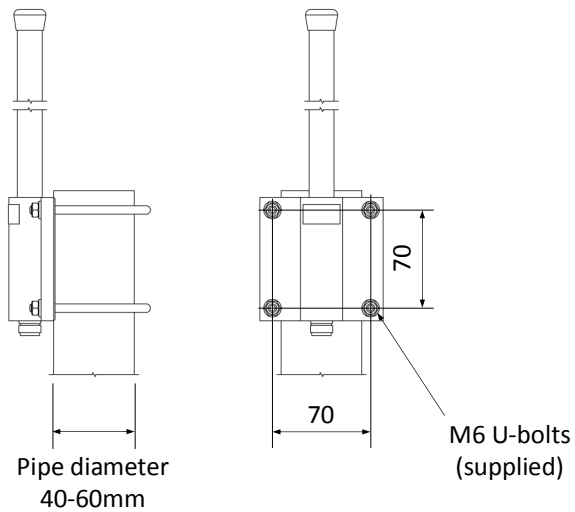
The AR2DAB-P4 can be used with all standard mounting accessories.



AR2DAB-M4

The AR2DAB-M4 is fitted with a mounting plate that can be bolted directly onto a suitable surface or to a mounting pole using the supplied 'U' bolts.

Pole Mounting



Direct Mounting

