

AR55M and AR55MT

HF, two piece sectional whip, monopole, side feed, (transformer), mast mount, 5.4 m, 0.15–30 MHz

Commercial and Marine Antennas



Application

The AR55M is an efficient fibreglass receiving antenna for MF, marine coastal and HF bands. The AR55MT version is equipped with a transformer, which acts as a matching unit to the feeding cable. The T modification is highly recommended when a long feeding cable is necessary or when the antenna is to be used for low frequencies.

This antenna can be supplied with protection against static discharges that can harm the receiver.

Mechanical Specifications

Design	Self-supporting fibreglass whip with bronze armatures.
Height	5.4 m
Weight	4.6 kg including U-bolts
Sections	Base ARB27 Top APB27
Wind Rating	55 m/s = 201 km/h
Deflection Due to Wind Load	3.3 m at tip ball at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature Range	- 55°C to + 55°C

Electrical Specifications

Frequency Range	0.15 - 30 MHz
Pattern	Omnidirectional
Polarisation	Vertical

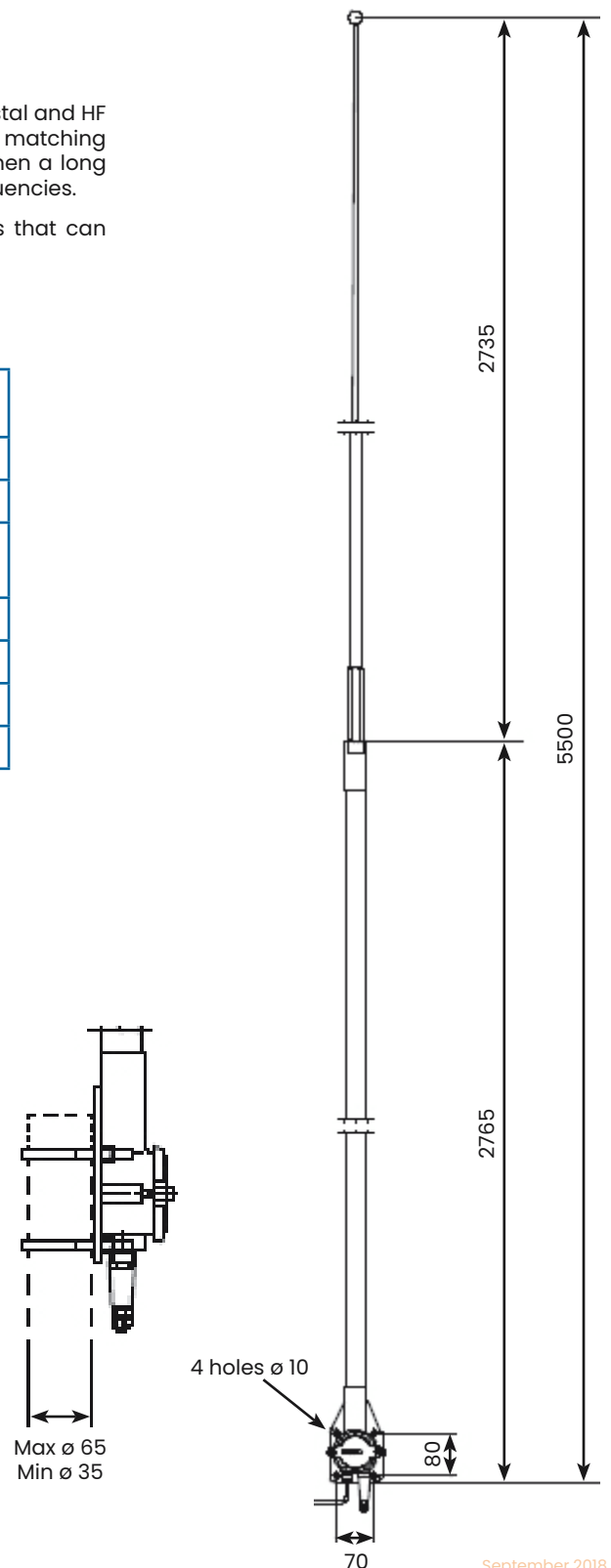
Mounting

The AR55M is easily mounted to the bulkhead by means of 4 holes in the bronze bracket or to a mast or tube with stainless steel U-bolts (included).

In order to mount the whip to the base section, use the spring washer and firmly screw the whip and base section together using a torque of 150 Nm. The Grub Screw is then tightened, this prevents the top whip from unscrewing.

Suitable Cable: RG8, RG213 or similar

To increase effective height, or in case of emergency, the bracket is supplied with a terminal for an external wire antenna.



September 2018

All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

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