

Application

AR42M is an efficient fibreglass receiving antenna for the marine coastal and HF communication frequencies.

The AR42MT version is equipped with transformer, which acts as a matching unit to the feeding cable. The T modification is highly recommended when a long feed cable is necessary or when the antenna are to be used at low frequencies.

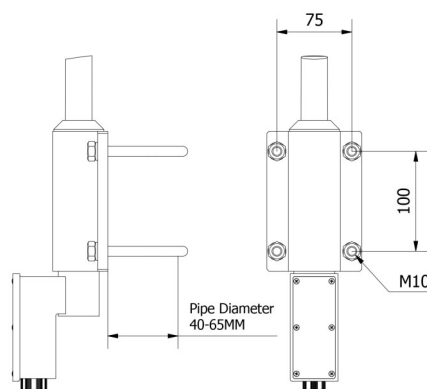
This antenna can be supplied with protection against static discharges that can harm the receiver, contact Comrod for further information.

Electrical specifications

Frequency range	AR42 0.15-30MHz AR42T with transformer: 0.15-30MHz
Pattern	Omnidirectional
Polarization	Vertical

Mechanical specifications

Design	Self supporting fibreglass whip with aluminium mounting.
Height	13.5 ft (4.1 m)
Weight	2.7 kg, including U-bolts.
Number of sections	1
Wind rating	55 m/s = 125 mph
Deflection due to wind load	1.9 m (6.2 ft) at tip ball at 55 m/s wind load
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F
Water Proofing	IP67



Mounting

AR42 is easily mounted to the bulkhead by means of 4 bolt holes in the aluminium bracket, or to a mast or tube with the supplied U-bolts.

Suitable cable: RG8, RG213 or similar.