

911 automatic antenna tuner

The GMDSS approved 911 automatic antenna tuner is designed for operation in both marine mobile and land base station installations.

Housed in a fully weatherproof enclosure the 911 will tune long wire antennas, wire loop antennas or whip antennas over a frequency range of 2 to 30MHz. Tuning is rapid, typically less than two seconds the first time RF is applied, either whilst the operator is talking or when the "Tune" control is activated on the transceiver.

The 911 tuner features a memory facility that stores the configuration required to tune to a frequency. On any subsequent use of that frequency the 911 reconfigures to the stored settings in typically 25 milliseconds. Following initial tuning the antennas VSWR is monitored. If any significant variation occurs the 911 will re-tune the antenna automatically.

The 911 is supplied complete with fully terminated control cables having an overall length of 6 metres. This comprises of a 1.5 metre stub cable with a 4.5 metre extension cable for connection to the transceiver. The cable is a composite design incorporating coaxial, power supply and control cables. Additional extension cables are available as required.

SPECIFICATIONS

Frequency range	2 to 30MHz
Channel capacity	Unlimited (Memory stores 10 FIFO).
Power rating	150 Watts PEP voice only
Power Requirements	12 Volts DC (nominal) 1 Amp (nominal)
Input impedance:	50 ohms, unbalanced
DC Isolation	Built-in
Dimensions	H350 X W285 X D75 mm Weight 3.5 Kg



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917 marine whip antennas

The 917 series unloaded marine whip antennas are designed to operate in all marine bands from 2 to 30MHz.

Manufactured from heavy gauge aluminium tubing with a polymer coating or fibreglass with a rugged coating for marine and UV protection, they offer a large, low loss radiating surface. All fittings are manufactured from nylon, stainless steel and chromed bronze.

917 whip antennas are supplied in a range of sizes and mounting configurations to suit differing types and sizes of vessels.

BC91700 is a 3.65 metre whip suitable for smaller vessels, particularly high speed craft. The whip is supplied in two 1.83 metre sections, which screw together on a self locking taper and is supplied complete with a swing-down base fitting.

BC91701 is the same specification as BC91700 but supplied complete with side-mount insulators for mounting against a vertical structure.

BC91702 is a 5.5 metre whip suitable for vessels over 10 metres in length. The whip is supplied in two sections (a 1.85 metre top section and a 3.65 metre base section) which screw together on a self locking taper and is supplied complete with a swing-down base fitting.

BC91703 is the same specification as BC91702 but supplied complete with side-mount insulators for mounting against a vertical structure.

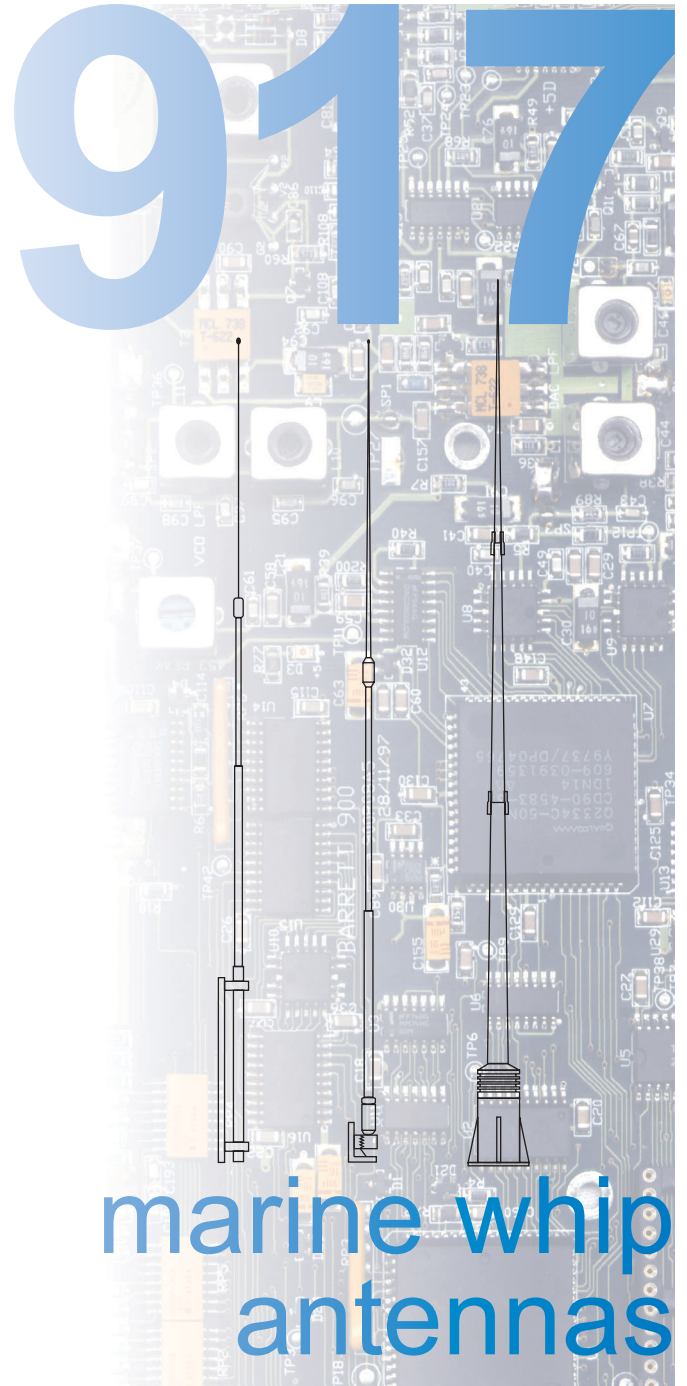
BC91704 is an 8.8 metre whip suitable for large vessels over 18 metres in length, the Whip is supplied in three sections (the longest being 3.65 metres) and is supplied complete with side-mount insulators for mounting against a vertical structure.

BC91706 is a 10 metre, GMDSS standard, base mounted whip suitable for large vessels.

It is designed for professional use and can withstand wind speeds of up to 210 kph without permanent deformation.

SPECIFICATIONS

Frequency range	2 to 30MHz
Radiation Pattern	Omnidirectional
Polarisation	Vertical
Power Rating	BC91701 & 02 - 400 Watts BC91703 & 04 - 800 Watts BC91706 - 1000 Watts



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