

HF Radio Communications

911 Automatic antenna tuner

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

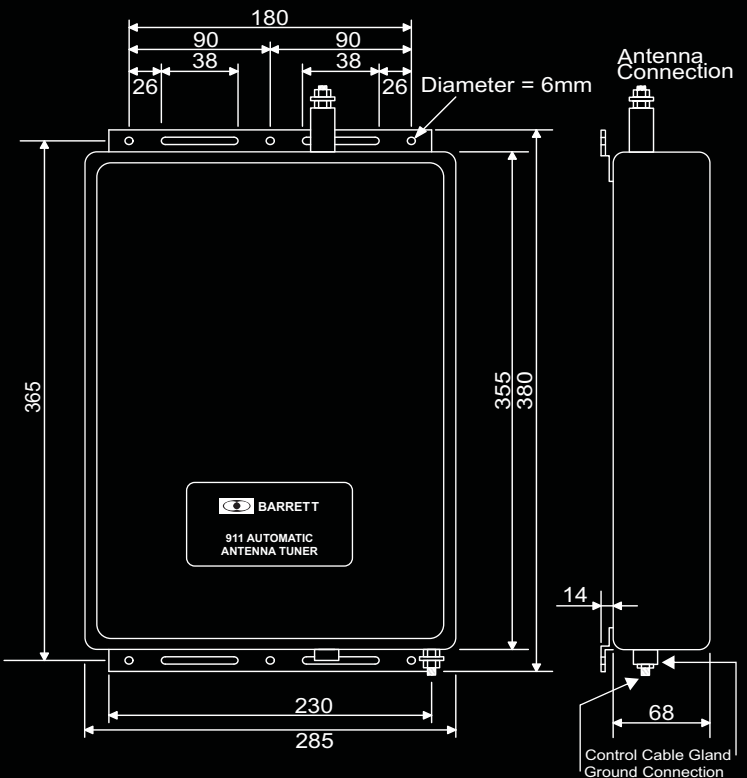
Housed in a fully weatherproof enclosure the 911 will tune long wire antennas, wire loop antennas or whip antennas over a frequency range of 2 to 30MHz. Tuning is rapid, typically less than two seconds the first time RF is applied, either whilst the operator is talking or when the "Tune" control is activated 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 MHz to 30 MHz
Channel capacity	Unlimited (Memory stores 10 FIFO).
Power rating	150 Watts PEP voice only
Power requirements	12 V DC (nominal) 1 Amp (nominal)
Input impedance:	50 ohm, unbalanced
DC isolation	Built-in
Dimensions	H 350 X W 285 X D 75 mm Weight 3.5 Kg



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