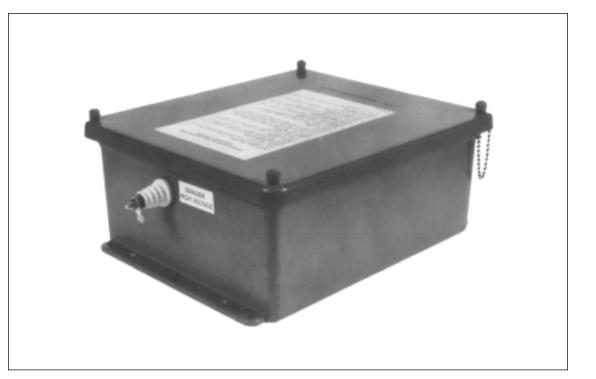


Fast Accurate Automatic Tuning.

For Mobile and Outdoor Fixed and Marine Installations.



FEATURES

Automatic, Fast Tuning

Microprocessor controlled self-tuning circuitry automatically tunes the antenna to the transmitter. The unit monitors antenna conditions each time a channel is changed and retunes when necessary. Typical tuning process takes less than half a second to complete.

► Tuner never needs to be programmed or manually adjusted. There are no presets. Fast, automatic tuning means the channel is ready for communications whenever you are.

Accurate Tuning

Microprocessor electronics accurately match the transmitter and antenna impedances.

► Antenna system operates at peak efficiency, providing the maximum system performance.

Large Memory Capacity

The Automatic Antenna Tuner can acommodate over 4400 channels.

Complex system configurations are easily achieved.

Ease of Installation

Simply mount the unit and connect the antenna, ground and radio leads. Only one RF cable is used for both RF and control purposes.

► Ease of installation allows the unit to be mounted quickly and economically.

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Low Level Tune Power

The automatic antenna tuner tunes at a low RF power level.

► Ensures long term reliability and extended tuner life. Spectrum pollution is minimized.

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Rugged Housing

The housing is manufactured of a high strength, lightweight polycarbonate material.

► Optimum performance is maintained in harsh environments.

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MICOM-2 Automatic Antenna Tuner HF-SSB

Model:	FLN2818
Frequency Range:	1.6-30 MHz
RF Input Power Capability:	125 Watts (Note 1)
Tuning Accuracy:	Automatically Tunes to 50 ohms with a nominal VSWR of 1.5 (maximum VSWR of 2) on any frequency in the 1.6–30 MHz range.
Memory Capacity:	Over 4400 memory settings
Tuning Time:	Typical: 0.5 Sec., Maximum: 1.5 Sec. From memory: Less than 20 msec.
Duty Cycle:	Designed for voice and data applications. Compatible with MICOM-2 and MICOM-2E Radios.
Antennas:	For frequency range 1.6–30 MHz: 12 ft. (3.7m) to 16 ft. (5m) mobile whips 23 ft. (7m) to 35 ft. (10.8m) base station whips 23 ft. (7m) to 60 ft (18.2m) long wire antennas For frequency range 2-30 MHz: Same as for 1.6-30 MHz plus 8–12 ft. (2.5–3.7m) mobile whips
Tuner Power:	3.5–5.5 Watts
DC Power Requirements:	12 Volts DC, 1.2 Amp. supplied by radio
Operating Temperature:	-30°C to +60°C
Storage Temperature:	-40°C to +85°C
Humidity:	95% at 50°C
Housing Type:	Weather resistant for outdoor and marine installations
Housing Dimensions:	7" x 13.4" x16.7" (17 cm x 34 cm x 42.5 cm)
Weight:	12.12 lbs. (5.5 kg)
RF and Control Cables:	Supplied with: FKN4589 (17 ft., 5.18m) RF cable (used also for control)

Note :1 Two-tone test method for voice, and Single-tone method for CW (Morse code) transmission.

GENERAL OPTIONS AND ACCESSORIES

FKN4612RF Cable Kit, 30 Feet (N Type–UHF)FKN4613RF Cable Kit, 100 Feet (N Type–UHF)



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SPECIFICATIONS

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