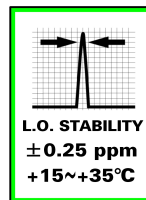
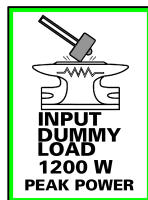


AEMME HIGH PERFORMANCE 144 MHz RADIOTRANSVERTER FK-855 H60



The new generation radiotransverter* for the 144 MHz band FK-855 H60 TWO METERS has been designed for any high-class HF transceiver on the market, very powerful, reliable and ready to use in three simple steps it offers high-performance in all emission modes.

The front-end built with a DUAL-GATE MOS-FET Vishay Telefunken*, has a typical noise level of 0,8 dB @ 145 MHz.

The double-balanced mixer used is the renowned SBL1-1 Mini-Circuits* with an IP3 of +16 dBm, and along with this, a high-dynamic and low noise level IF amplifier made up of four JFET with an high IDSS to complete the receiving section.

The RX gain is variable from 22 dB to 26 dB to obtain maximum performance regarding sensitivity and resistance to the intermodulation with any type of HF receiver (14 / 26 / 50 MHz).

The TX / RX solid state switch renders it ideal for use with digital emissions, with direct control of PTT IN and VOX RF making it easy, in whatever operative condition, to control.

The RF power stage of the FK-855 H60 TWO METERS provides up to 63 W RMS of power output at the antenna jack, using a RF POWER MODULE MOS-FET Mitsubishi* with protection against high SWR, and the ALC circuitry, always active, provides safety and an excellent linearity with all types of consented modulation.

The elevated RF power output allows this radiotransverter to be an ideal driver for power amplifiers equipped with metal-ceramic tubes.

The temperature of the MOS-FET RF Power Module, positioned on a generous heat-sink, is controlled by an appropriate electronic sensor which reacts in a dynamic way on the rotation of a silent Papst* fan positioned in the rear panel, therefore allowing to optimise the stability of performance even in the most serious working conditions.

ORDER CODE	CONVERSION
855H60T14	14 / 144 MHz
855H60T26	26 / 144 MHz
855H60T50	50 / 144 MHz

