

# FT-2500M

HEAVY-DUTY 2-m FM TRANSCEIVER

YAESU





# SPECIFICATIONS

<p><b>GENERAL</b>                  Frequency Range: 144-148 MHz or 144-146 MHz                  Channel Steps: 5, 10, 12.5, 15, 20, 25 &amp; 50 kHz                  Frequency Stability: Better than <math>\pm 10</math> ppm (-20 to +60°C)                  Mode of Emission: F3                  Antenna Impedance: 50-<math>\Omega</math>, unbalanced                  Antenna Connector: M-type                  Supply Voltage: 13.8 V DC <math>\pm</math> 10%, negative ground                  Current Consumption: Rx: 400 mA, Tx hi/mid/low: 12/9/5 A                  Operating Temperature Range: -20 to +60°C                  Case Size (WHD): 160 X 50 X 180 mm (w/o knobs)                  Weight (approx.): 1.5 kg (3.3 lb.)</p>	
<p><b>RECEIVER</b>                  Circuit Type: Double Conversion Superheterodyne                  Intermediate Frequencies: 21.4 MHz &amp; 455 kHz                  Sensitivity (for 12 dB SINAD): Better than 0.2 <math>\mu</math> V                  Selectivity (-6/-60 dB): 12/30 kHz                  IF Rejection: Better than 70 dB                  Image Rejection: Better than 70 dB                  Maximum AF Output: 2 W into 8 ohms 10% THD</p>	
<p><b>TRANSMITTER</b>                  RF Output Power (hi/mid/low): 50/25/5 W                  Modulation System: Variable Reactance                  Maximum Deviation: <math>\pm 5</math> kHz                  Spurious Radiation: Less than -60 dB                  Microphone Impedance: 2 k<math>\Omega</math></p>	

*Specifications subject to change without notice.*

Applicable Military Standard 810C Mechanical Specifications

Standard	Method/Procedure
MIL-STD-810C Vibration	514.2/VIII
MIL-STD-810C Shock	516.2/I

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**RT SYSTEMS**

**AMATEUR RADIO SUPPLY**

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