

2050 HF SSB Transceiver General Specifications

Transmit frequency range	1.6 MHz to 30 MHz (continuous)
Channel capacity	Up to 500 programmable channels
Frequency Stability	±0.5 ppm (±0.3 ppm optional)
Receive frequency range	250 kHz to 30 MHz (continuous)*
Frequency resolution	1 Hz tunable receiver
Frequency stability	±0.5 ppm (±0.3ppm optional)
Operating modes	J3E (USB, LSB) – H2B (AM) – J2A (CW) J2B (AFSK) Optional J2B (AFSK) with narrow filter
Operating temperature	-30°C to +70°C humidity 95% relative, non condensing
Frequency hopping	25 or 5 hops per second
Supply voltage	2050 -13.8 V DC (negative ground) polarity protected. Over voltage protected
Selcall system	Based on CCIR 493-4, four and six digit systems
Current Consumption	470 mA standby (muted, back lighting off) Voice average less than 9 Amps typical Two tone less than 12 Amps typical
Sensitivity	-120 dBm (0.224 uV) for 10 dB SINAD – J3E Mode
RF Output Power	125 W PEP voice ±1.5 dB or 30 W PEP voice ±1.5 dB or 10 W PEP voice ±1.5 dB
Duty Cycle	100% two tone input signal with fan option
Programming	RS232
Standards	FCC approved – Part 90 Exceeds/complies with Australian/ New Zealand standard AS/NZS 4770:2000 and AS/NZS 4582:1999 EMC and vibration standard IEC 945 Complies with MIL-STD 810G for drop, dust, temperature, shock and vibration NTIA Approved

* reduced sensitivity 250 kHz to 500 kHz

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.