

WTU-4800-AM -M1

WIRELESS TUNER UNIT



The TOA Wireless Tuner Module WTU-4800 is a PLL-synthesizer controlled double superheterodyne diversity tuner module designed to be used in conjunction with UHF wireless equipment. It employs a compressor-expander system noise reduction circuit to minimize the influence of ambient RF noise.

Key features

Specifications

*0 dB = 1 V

Power Source	7 – 12 V DC
Current Consumption	100 mA
Receiving Frequency	506 - 538 MHz, UHF
Channel Selection	16 channels selectable
Receiving System	Double superheterodyne
Diversity System	Space diversity
Antenna Input Impedance	75 Ω
Harmonic Distortion	1 % or less
Squelch Sensitivity	17 dB μ V
Squelch System	Noise SQ
Frequency Response	100 Hz – 12 kHz, \pm 3 dB
Output Level	0 dB* (maximum deviation, 2.2 k Ω load)
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Humidity	30% to 85%RH (no condensation)
Finish	Surface-treated steel plate
Dimensions	60 (W) x 25 (H) x 139 (D) mm (2.36" x 0.98" x 5.47")
Weight	130 g (0.29 lb)
Included Accessories	Driver for channel changing x 1