



VL-007, Repeater

- Continuous Duty Cycle @ 25W
- Desk Mount/Rack Mount Option
- Supports Voice & GPS Data
- Integrated Power Supply
- Automatic Repeat Function
- Duplexer or 2 Antenna Operarion
- Uni and Bi-directional Options



TECHNICAL SPECIFICATIONS

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GENERAL		TRANSMITTER	
Frequency Range	136-174MHz 400-470MHz 450-520MHz 350-390MHz	RF Power	5W/25W/50W(VHF) 5W/25W/45W(UHF)
Channel Capacity	128	Frequency Modulation	16K Φ F3E/ 11K Φ F3E
Channel Spacing	12.5KHz/20KHz/25KHz	Antenna Impedance	50Ω
Frequency Stability	< ±2.5ppm	Modulation Limiting	±2.5KHz@12.5KHz, ±4KHz@20KHz ±5KHz@25KHz
Operating Voltage	13.6V DC(nominal)	Modulation Distortion	< 5%
Operating Temperature	-30°C~+60°C	Radiated Spurious Emission	-36dBm < 1GHz/-30dBm>1GHz
Dimension	170mm X 170mm X 52mm	FM Noise	-45dB @25KHz/-40dB@12.5KHz
Weight	<1.5 kg		
RECEIVER			
Squelch Sensitivity	<0.2μV	Rated Audio Power	4W
Sensitivity	<0.25μV@12dB Sinad	Rated Audio Distortion	<5%
Adjacent Channel Selectivity	70dB@ 12.5KHz 75dB @20/25KHz	FM Hum & Noise	45/40 dB
Intermodulation Rejection	>65dB	Audio Response	+1~-3dB per Octave
Spurious Response Rejection	>70dB	Image Rejection	>70dB

For more information , please contact:



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