



Baofeng BF-V5

UHF Analog Two-Way Radio · Specification summary



Frequency range	420-450MHz
Transmit power	<5W
Channels	16
Battery	3.7V
Key features	Simplex operation; QT/DQT signalling; Wide/Narrow bandwidth
Frequency stability	$\pm 2.5\text{ppm}$
Operation temperature	-20°C-+50°C
Mode of operation	Simplex
Antenna impedance	50 Ω
Transmitter: Maximum deviation(W/N)	$\leq 5\text{KHz}/\leq 2.5\text{KHz}$
Transmitter: Spurious emission	$\leq 7.5\mu\text{W}$
Transmitter: Adjacent channel power	$\leq -65\text{dB}/\leq -60\text{dB}$
Transmitter: SNR(W/N)	$\geq -45\text{dB}/\geq -40\text{dB}$
Transmitter: QT/DQT (W/N)	$0.7\pm 0.1\text{KHz}/0.4\pm 0.1\text{KHz}$
Transmitter: Modulation sensitivity	8-12mV
Transmitter: Transmission current	$\leq 1.2\text{A}$
Receiver: Sensitivity	-122dBm (12dB SINAD)
Receiver: Audio power	1W
Receiver: Audio distortion	$\leq 10\%$
Receiver: Intermodulation (W/N)	$\geq 65\text{dB}/\geq 60\text{dB}$
Receiver: Adjacent channel selectivity(W/N)	$\geq 65\text{dB}/\geq 60\text{dB}$

Receiver: Clutter suppression	$\geq 65\text{dB}$
Receiver current	$\leq 380\text{mA}$

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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