



Baofeng BF-B6

Analog VHF/UHF Dual-Band Handheld Two-Way Radio ·
Specification summary



Frequency range	VHF 144-148 MHz; UHF 420-450 MHz
Transmit power	4W/1W (maximum 5W)
Channels	128
Battery	7.4V operating voltage; battery capacity not stated
Key features	High-gain dual-band antenna; Simplex/semi-duplex operation; Wide/narrow FM modulation; SMA-Female antenna connector; Kenwood-type earpiece/microphone connector
Dimensions / weight	100×52×32 mm; 250g including battery and antenna
Frequency Stability	±2.5ppm
Antenna	High gain DualBand antenna; SMA -Female
Antenna Impedance	50Ω
Mode of operation	Simplex or semi-duplex
Earpiece / mic type	Kenwood Plug type
Transmitter: Modulation Mode	16kΦF3E/11kΦF3E
Transmitter: Maximum deviation	<5kHz(W)/<2.5kHz(N)
Transmitter: Adjacent Ch. power	≤-65dB(W)/≤-60dB(N)
Transmitter: Pre-emphasis	6dB
Transmitter: Current	≤1.6A(5W)
Receiver: RF Sensitivity	-122dbm(12db SINAD)
Receiver: Audio power	≥0.5W
Receiver: Audio Distortion	≤10%
Receiver: Intermodulation	≤-65dB(Wide)/≤-60dB(Narrow)
Receiver: Selectivity	≤-65dB(Wide)/≤-60dB(Narrow)
Receiver: Spurious Rejection	≤-65dB
Receiver: Blocking	≥85dBuv/m

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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