

Technical Specification

Model No.	FD-6188A	FD-6288A
General		
Frequency Band	VHF	UHF
Frequency Range	136-174MHz	440-470MHz 400-430MHz
Channel Capacity	16	
Operating Voltage	7.2V DC \pm 10%	
Antenna Impedance	50 Ω	
Channel Spacing	25KHz	
Working Temperature	-30 $^{\circ}$ C ~ +60 $^{\circ}$ C	
Frequency Stability	\pm 2.5ppm	
Size (Without Antenna)	63(W)x115(L)x36mm(D)	
Weight(With Battery)	About 192g	
Battery	1,100 mAh(Li-ion)	
Compatible With American Military Standard(MIL-STD-810C/D/E)		
Transmitter (EIA-RS 316B STANDARD)		
RF Power Output	5W/4W	
Modulation Type	F3E	
Modulation Distortion	<5%(300-3000Hz)	
Max Freq Deviation	<5KHz(1000KHz When 100%)	
FM Noise	<=-45 dB	
Receiver		
Sensitivity(12Db SINAD)	0.16 μ V	
Selectivity	55dB	
Adjacent Channel Selectivity	>=70dB	
Noise Respond	>=60dB	
Communication Range	3-5km(Downtown),6-20km(In The Open Area)	
FM Noise	45dB/40dB	
Modulation Type	16KOF3E	
Audio Power Output	500mW When Distortion Less Than 10%	
Audio Distortion	<5%	
Operating Bandwidth	\pm 7KHz	

Due to technology advancements the technical of real products maybe slightly different from the above data