



## GENERAL

	VHF	UHF	900 MHz
Frequency Ranges (without duplexer)	132-174 MHz	380-403 MHz	928-960 MHz
(with duplexer)	148-174 MHz	403-512 MHz	928-960 MHz
Channel Bandwidth	6.25, 12.5 or 25 kHz	6.25, 12.5 or 25 kHz	12.5 or 25 kHz
Current Drain Transmit @ 12 VDC (5 W fan off. Add 60 mA when fan is running)	1.6 A	1.8 A	2.3A
Receive @ 12 VDC	300 mA (200 mA half-duplex)		
Frequency Control	Synthesized		
Channels	1		
RF Connectors	N Female		
Dimensions (HxWxD)	5.25" x 19" x 9.25" (131.25mm x 475mm x 231.25mm)		
FCC Type Acceptance	NP4MCUA5Q (6.25 kHz) EOTMCA5R	NP4MCUB5Q (6.25 kHz) EOTMCUB5R	EOTMCUC5R
FCC Emission Designators	6K00FID (6.25 kHz) 9K30F1D, 15K3F1D	6K00FID (6.25 kHz) 9K30F1D, 15K3F1D	9K30F1D, 15K3F1D
IC Type Acceptance	773195562A	773195561A	773195611A
IC Emission Designators	9K30F1D, 15K3F1D	9K30F1D, 15K3F1D	9K30F1D, 15K0F1D
Bandwidth without tuning	132-150: 18 MHz 150-174: 24 MHz	450-470: 20 MHz All other bands: 16 MHz	928-960: 32 MHz
Diagnostics (On/Offline**) Remote Units	Power, temperature, voltage, signal strength, antenna/feedline condition, and data decode performance - supports OPC Enabled Diagnostics		
Operating Voltage	10 - 16 VDC		

## RECEIVER

Receive Operation	Continuous (no tuning required)
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## TRANSMITTER

Transmit Operation	Continuous (no tuning required)
RF Output Power (PC programmable)	1-5 watts without duplexer, 0.7 - 3.5 watts with duplexer
Transmit Attack Time	RF power present after RTS: 9 ms (std.), 3 ms (Tx only),

\*19200 bps requires 25 kHz channel.

\*\*Radio configuration and local/remote diagnostics require Dataradio Field Programming Software and programming cable.