Commtact

Receivers

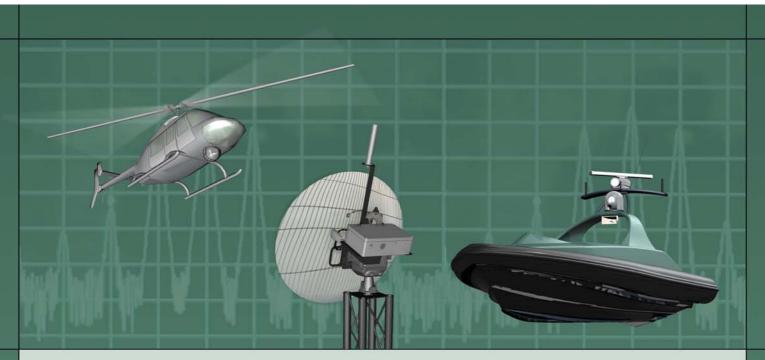
CRX Series



General Info

The CRX series is a range of compact, lightweight and versatile Video & Telemetry or Command Receivers for Air, Ground and Marine applications. True FM de-modulation is used for analog Video & Data. The receivers were designed to optimally meet customer requirements including:

- Remote frequency change capability
- Bandwidth use can be optimized for the specific data transmission
- Two sub-carriers for Audio & Data (one embedded and one optional)
- Range of power outputs



Specifications

Video

Analog video NTSC or PAL Video input 1Vpp/75 Ω

Reception

BaseBand Bandwidth 16 MHz
Data De-modulation True FM
Frequency selection Up to 8 channels
Frequency Tuning Step 1 MHz
Spurious Responses -60 dBc
Sensitivity -82 dBm
Input impedance 50Ω

Performance

Frequency band L,S,C

* X, Ku – To be used with Down Converter

Frequency stability ± 4 ppm

Frequency tuning Synthesized,

Rotary switches

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Power requirements

Input voltage 11–32 VDC Input current 0.25 Amp-0.7 Amp max.

Mechanical

Weight 370 g
Size 80X84X48 mm (3.2X3.4X1.9 inch)

Connectors

RF Input SMA

Video Output SMA

Power MDM 9 pin or PTO2H-10-12P

Enviromental

Temperature -20°C to 70°C

Altitude Unlimited

Humidity Up to 95%

Specifications subject to change without prior notice. Typical values shown.

^{*}Designed to meet MIL-STD-810E and MIL-STD-461

^{**}ICD for all products is available by request