

Heritage Command Receiver Line Up

C-band CMDRX



K-band CMDRX



Main Characteristics

- o Uplink Frequency: C/X/Ku/K-band
- o Dual Frequency Operation (Option)
- o Modulation : PSK/FM or PSK/PM
- o Demodulation of command signal and output of the base-band bit stream data
- o Demodulation of ranging signal and output of the video ranging signal to TLMTX
- o Common housing design for all frequency bands

Specification Table

No.	Parameter	Performance
1	Input Frequency	C-band : 5.9-6.4GHz X-band : 7.0-7.2GHz Ku-band : 12.75-14.5GHz K-band : 17.3-18.1GHz
2	Carrier Modulation	FM option : +/-400kHz deviation PM option : 0.6-1.5rad
3	Input Signal Dynamic Range	-112 to -60dBm
4	No-damage Input Level	up to -35Bm
5	Selectivity	>47dBc @2MHz
6	Bit Error Rate	1e-6 max. @ Pin=-112dBm
7	Ranging Delay Variation	100nsecp-p max.
8	Power Consumption	11W nom.
9	Mass	1.65kg
10	Operating Temperature	QT : -20 to +70degC
11	Non-operating Temperature	-30 to +75degC