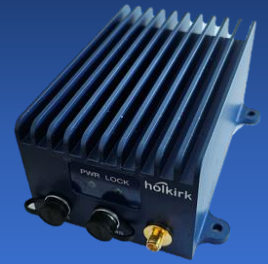


The Holkirk fast locking beacon receiver (BRX) is an ideal component for the latest Low Earth Orbit (LEO) and Medium Earth Orbit (MEO) multi-orbit antenna systems.



The BRX is a small form factor assembly, allowing for easy integration into LEO and MEO flat panel systems, and is designed to provide stable, beacon lock and level measurement links for any satellite constellation.

The simplicity of the Holkirk receiver's design ensures reliability and user-friendliness, essential for the fast deployments required in today's dynamic satellite communication environments.

Moreover, its compatibility with various satellite modems makes it a versatile choice for modern satellite communication solutions.

Specifications:

Frequency range	950 to 2200 MHz
Input power	-120 to -20dBm
Working threshold	C/No \leq 38dBc/Hz
Frequency stability	\leq ±1ppm
Amplitude stability	\leq 0.1dB
Acquisition bandwidth	±100KHz
Acquisition time	4ms (typical)
Processing delay	\leq 2ms
Input impedance	50Ω

Applications:

Fast locking and beacon level indication for satcom on the move applications

Integration into LEO/MEO flat panel antennas

Manpack and mobile terminals

Satcom on the pause and DSNG applications

Features:

- Serial lock indicator
- LED lock indicator
- Programmable lock delay
- Settable band pass filter
- Serial beacon level output
- LNB control (13v/18v and 22kHz tone on/off)
- User GUI

