

YB-1000 Series STAR Radio Kit

GenXComm S-SIX enabled self-interference cancellation radio kit

Overview

GenXComm YB-1000 series STAR Radio EVKs enable rapid prototyping and development of Single frequency full-duplex solutions. This kit is ideal for development of full-duplex radio for 4G/5G, Wi-Fi and wireless backhaul.

Features

- Enables rapid prototyping of full-duplex system
- Supports wideband operation
- Waveform and modulation agnostic
- Advanced debug and testing support to enable agile development

Technical Specifications YB-1015

- Operating Frequency: 500-700 MHz
- Cancellation Bandwidth: 40 MHz
- Self-interference cancellation: 110 dB
- Power Consumption: 5 W
- Power Supply Voltage: 12 V
- Dimensions: 19" x 3.5" x 7"
- Form Factor: 2U, rack mountable
- Software: MATLAB Driver and API
- Interfaces: 10/100 Base-T Ethernet



Enables Wideband Single Frequency Full-duplex (STAR)

Waveform Agnostic

Small Size, weight and Power