



Secure Communication Link on SDR Platform

Secure Data Link

RF freq	: Configurable 70 MHz to 6 GHz at medium power level TXR o/p
BW	: 2.5 MHz, configurable
Data rate	: 9.6 Kbps, configurable for a set of data rates
Processing gain	: 21dB, readily configurable for lower gain
Higher processing gain	: With additional tuning on Correlator



Features

- Gold code Polynomial and Gold code selection
- Configurable data rate and code length
- Configurable bandwidth up to 56 MHz
- Configurable RF frequency – 70 MHz to 6 GHz

Applications

- Secure Data Communication Link
- Jamming Immune System
- Ranging System



Wireless Automatic Fuze Setter For Air Burst Ammunition



Features:

- Wireless Automatic Fuze Setter sets Fuze time wirelessly to Electronic Time Fuze in the Shell for Airburst Ammunition.
- It supports Fuze time data from Tank subsystem and from front panel key pad.
- W-AFS sets Fuze time dynamically as per target requirements.
- Supports two modes of Fuze setting,
 - 1) When shell is inside the tank.
 - 2) After the shell is fired.