

FLIGHT TERMINATION RECEIVER

GENERAL DESCRIPTION

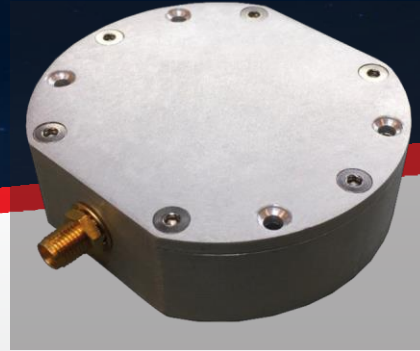
Magnetron Flight Termination Receiver is especially developed for UAV, missile and rocket flight tests. Flight Termination Receiver has been developed in accordance with IRIG and RCC standards using Software Defined Radio based architecture. System additionally has spectrum analyzer, waterfall, eye diagram and BER indicator.

KEY SPECIFICATIONS

- Programmable RF Center Frequency and Decoder Tone Frequencies
- RCC 313 Compliant
- RCC 319 Compliant
- IRIG Compliant
- 125 dB Dynamic Range
- -115 dBm Receiver Sensivity

FLIGHT TERMINATION RECEIVER

MAGNETRON



TECHNICAL DATA

Electrical

Frequency Range	350MHz to 500MHz
Receiver Sensitivity	-115dBm
Dynamic Range	125dB
Demodulation	Up to 4 tones
Interfaces	UDP/TCPRS-232/422/485
RF Connector	SMA
Connector	15 Pin Micro-D
Operating Voltage	18-32VDC

Environmental Test Standards

Mechanical	MIL-STD810G
EMI/EMC	MIL-STD461F

Mechanical

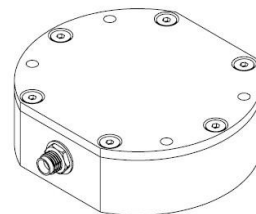
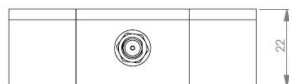
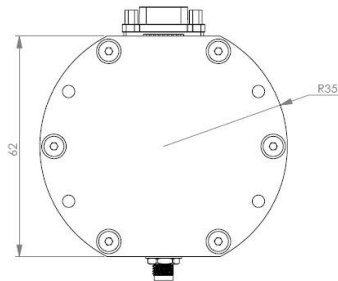
Material	6061 Aluminum Alloy
Surface Finish	Alodine
Dimension (mm)	70x62x22
Weight (g)	100

Operating Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000ft

Storage Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000ft



All units in mm