

FLIGHT TERMINATION RECEIVER

GENERAL DESCRIPTION

Programmable Flight Termination Receiver is a compact airborne flight termination receiver and tone decoder for flight termination system applications that utilized tone based command messaging. FTR provides highly sensitive superheterodyne RF receiver whose center frequency is programmable.



Flight Termination Receiver

The versatile tone decoder can be programmed to decode 3 or 4 tone sequences/frequencies among 20 IRIG tones and provides command outputs for flight termination devices. FTR can be enabled for full fail-safe operation, including programmable loss of tone duration. FTR is designed using latest technology and modern production processes to provide a reliable and rugged product.

KEY SPECIFICATIONS

- High sensitivity receiver
- Wide range programmable RF center frequency
- Programmable decoder tone frequencies
- Full failsafe operation
- Reverse polarity power protection
- Light weight
- Compact size
- IRIG Compatible
- MIL-STD-810G Compatible

TECHNICAL SPECIFICATIONS

Frequency Range	390 – 450 MHz
Input Voltage	18 – 36 Vdc
Command Outputs	4 solid-state output
Input/Output Impedance	50 Ohm
Antenna Connector	RF input SMA
Input Current	150 mA max @ 28 Vdc
VSWR	Less than 2 : 1
Operating Temperature	-40 °C to +85 °C
Dimensions (cm)	8.4 x 5.6 x 1.3
Weight	97 g