

## Airborne Multimode Transmitter, High Efficiency



### Applications

- Missile performance testing
- Flight test instrumentation
- RPV communications
- Space craft instrumentation
- Remote ground communication
- Home land security

### Options:

- IRIG randomizer
- TTL or RS-422 data interfaces
- RS-232/422/485 for programming
- Internal status for temperature, frequency
- Programmable power levels
- Custom operating frequency

### Features

- L band
- Multimode modulator
- Supports: PCM/FM, SOQPSK, & Multi-H CPM
- Frequency Selectable via RS-232 COM port and Parallel BCD
- Provides IRIG compatible randomizer
- Data rates
  - PCM/FM from 80 kbps to 20 Mbps
  - Others Formats from 650 kbps to 40 Mbps
- Bit rate agile
- High efficiency power amplifier design
- 2.5" x 3.5" x 1.3"
- Environmentally rugged

### Description

TTC's TTS-9660-2 series multimode transmitter provides the user with state-of-the-art modulation compatibility to IRIG-106-04, with user programmability provided through both a serial and parallel interfaces for center frequency and modulation options with a high efficiency power amplifier chain. The TTS-9660-2 series provides the highest power efficiency offered in the industry today while being backed by outstanding customer support.

Revision 02/01/2010

### TTS-9660-2 Series Datasheet

©2010 Teletronics Technology Corporation  
Specifications subject to change without notice.



Teletronics Technology Corporation  
15 Terry Drive, Newtown, PA 18940  
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

**www.ttcdas.com**