

TVM550II TVM550IIS



Other related Standard products:

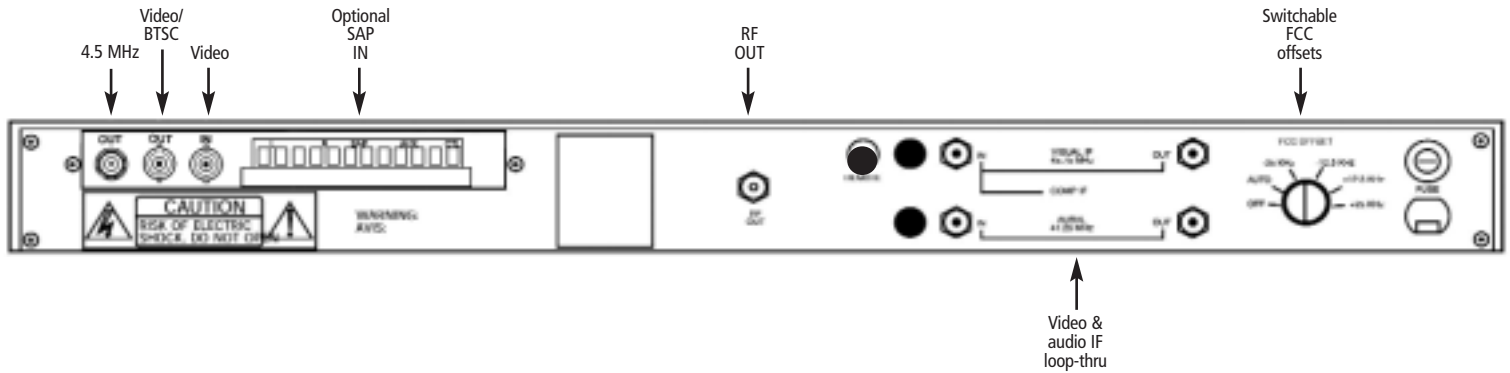
- MT630 Agile IRD SC Satellite Receiver
- MT650 Agile IRDII Satellite Receiver
- TVM1000 Agile CATV Modulator
- DUC1000 Dual Digital Upconverter
- DSG2000BD Stereo Generator
- Stratum II Integrated Network Modulation System
- SCM550HP Agile AM-VSB Modulator

 **Standard**
Communications
The Standard in Broadband

frequency agile CATV modulator

- Re-broadcast quality noise and spurious-free output
- Integrated BTSC stereo encoder (TVM550IIS)
- Integrated SAP and AGC circuits (optional)
- Front panel video & RF test ports
- RF output muting and visual lock indicator
- Compatible with baseband or IF scrambling systems
- Dual IF loops and automatic FCC offset
- Custom engineered PLL-synthesized upconverter
- Complies with all established NTC7 specifications
- Six levels of filtering
- Seven-year Gold Standard Warranty

TVM550II/TVM550IIS



SPECIFICATIONS

RF

- Frequency range 54 – 550 MHz
- Output level +60 dBmV
- Spurious output -60 dBc
- C/N out-of-band -80 dBc
- C/N in-band -68 dBc
- RF stability

VIDEO

- Frequency response 1.0 dB
- Field-time distortion 1.5 IRE
- Short-time distortion 3.0 IRE
- Differential gain30%
- Differential phase 1.5°
- Signal to noise ratio65 dB

AUDIO TVM550II

- Frequency response 1.0 dB
- Input impedance 600 ohms
- Input level (25 kHz dev.) 0 dBm
- Harmonic distortion 1.0%

AUDIO TVM550IIS

- Frequency response ±0.3 dB
- Input impedance 600 ohms/10k ohms (jumper selectable)
- Harmonic distortion 0.1%
- Dynamic range 80 dB min.
- Separation 36 dB (50 Hz – 1kHz)
- 4.5 MHz output 34 dB (1 kHz – 8kHz)
28 dB (8 kHz – 14.5 kHz)

GENERAL

- Voltage 115 VAC, 50 – 60 Hz
- Power TVM550II 18 W
- Power TVM550IIS 22 W
- Size 19"W x 20"D x 1.75"H

* Specifications subject to change without notice. For the latest information go to www.standardcomm.com.
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