

# UC-250L2 MODULATOR

## DVB-S/S2 Broadcast Modulator



Upcom Technologies' L-BAND DVB-S/S2 MODULATOR, is a high-performance reliable QPSK modulator which converts data streams into high quality L-BAND RF DVB-S and S2 Signals. It can be used for TV broadcasting, data broadcasting, content delivery, news contribution and works seamlessly with UPCOM line of encoders and IP encapsulators. DVB-S2 adopts advanced framing structure, channel coding and modulation technology increasing over 50% of transmission capacity over DVB-S modulation under some conditions.

- **DVB-S/S2 STANDARD FEC**
- **DVB-S/S2 RATES UP TO 45MBAUD @ QPSK**
- **FRONT PANEL AND IP CONTROL**
- **FULL L-BAND SPECTRUM**
- **2 YEAR WARRANTY!**
- **8 PSK (OPTIONAL)**
- **BISS 1 & BISS E (OPTIONAL)**
- **70MHz IF OUTPUT (OPTIONAL)**

### Data Interfaces

**Two ASI Inputs:** BNC Connector  
75Ω Impedance  
188/204 bit Packet Format  
270Mbps Access Data Rate  
60Mbps Max Valid Rate

**ASI Output (Loop):** BNC Connector  
75Ω Impedance

**Roll-Off Factor:** 0.2, 0.25, 0.35

### RF Interfaces

**RF Output:** N Connector  
50Ω Impedance  
Frequency 950-2150MHz

**Max:** Levels 0dBm

**Attenuation:** 0 to 31.5dB

**Network Management:** RJ45 Ethernet Interface

**Display:** 1 Line backlit LCD

**Control:** Front Panel or M&C Software

**Altitude:** Up to 10,000ft

**Temperature:** Operating Temperature: 0° to +45°C  
Storage Temperature: -25° to +55°C

**Humidity:** 10 to 75%

**Radiation/Safety:** up to GB13837-92 and GB8898-8

**Shock and Vibration:** Equal to mobile van or stationary rack.

**AC Power:** 85VAC to 265VAC  
50/60Hz  
50W

**Dimensions:** 19"W 2"H 13"D @ 9lbs

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