

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