

## DVB-S / S2 BROADCAST MODULATOR



The DVB S/S2 70MHz Modulator, is a high-performance, reliable QPSK/8PSK modulator that converts data streams into high quality 70MHz RF DVB-S and DVB-S2 Signals.

### ADVANTAGES

- BISS-1 and BISS-E
- Front panel and remote configuration
- Easy Operation & Deployment
- Very Cost Effective

### APPLICATIONS

- HDTV, SDTV and Data Broadcasting
- Free-to-Air
- Direct-to-Home
- Production Testing

This Modulator can be used for TV broadcasting, data broadcasting, content delivery, news contribution and works seamlessly with UPCOM's line of encoders and IP encapsulators. DVB-S2 adopts an advanced framing structure, channel coding and modulation technology increasing over 50% of transmission capacity over DVB-S modulation under certain conditions.

### SPECIFICATIONS

Data Interfaces	Two ASI Inputs	BNC Connector - 75Ω Impedance 188/204 bit Packet Format 270Mbps Accesss Data Date
ASI Output Loop		45Mbaud Max (DVB-S) 30Mbaud Max (DVB-S2) BNC Connector - 75Ω Impedance
Roll-Off Factor		0.2, 0.25, 0.35
RF Interfaces	RF Output	N Connector 50Ω Impedance Frequency 70MHz
Attenuation	Network Management	0 to 31.5dB RJ45 Ethernet Interface
Display	Control	2 Line backlit LCD Front Panel or M&C Software
Altitude		Up to 10,000ft
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		90VAC to 265VAC 50/60Hz
Power Consumption		25W
Dimensions		19"W 2"H 13"D
Weight		9lbs

### KEY FEATURES

- DVB-S/S2 STANDARD FEC
- DVB-S/S2 RATES FROM 0.1 TO 45MBAUD STANDARD
- FRONT PANEL AND IP CONTROL
- FULL L-BAND SPECTRUM
- BISS-1 AND BISS-E STANDARD
- 70MHz IF OUTPUT
- TWO YEAR FACTORY WARRANTY

**UPCOM Technologies, Inc.**

Phone: +1 (408) 329-4158

Fax: +1 (408) 329-4159

E-mail: [sales@upcom.com](mailto:sales@upcom.com)

[www.upcom.com](http://www.upcom.com)