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QAM256
Digital
Video Modulator



Highlights

- 1 - 52 Mbps
- Optional Ethernet Interface
- MPEG-2 Compliant
- 4 QAM to 256 QAM Modulation
- Cost-Effective Headend Solution
- Internal Cable Upconverter or Fixed IF Output
- -48 VDC Power Supply (Optional)

Overview

Radyne's DVB-compliant QAM modulator meets all DVB requirements for transmission of digital video on broadband coaxial cable and microwave radio. The QAM256 features 4QAM to 256QAM modulation, 1 to 52 Mbps data rate, 1 to 8 MHz channel spacing and Reed-Solomon Forward Error Correction. The modulator also supports fieldchangeable RS-422 Parallel, ASI and other standard DVB interfaces. Remote Monitor and Control (M&C;) Interface is provided through either an RS-485 or Ethernet Remote Port using SNMP protocol.

The QAM256 provides efficient bandwidth utilization for digital video distribution systems. MMDS, LMDS, AML, Cable Television and Multiple Dwelling Unit systems all benefit from this innovative modulator. QAM modulation solves the problem of providing multiple video and data channels within bandwidth limitations. The Radyne QAM256 has the versatility to adapt to the terrestrial broadband medium and give system operators full management and control of the available bandwidth. The space and money-saving internal cable upconverter option conveniently removes the need for an external converter unit.

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