

DataQ Modem

T1/E1 Digital Modulator and Demodulator



Applications

- Studio-to-Transmitter Links and Transmitter-to-Studio Links

Features

- Applications include terrestrial, satellite, and surveillance networks
- T1 or E1 data over video
- Simplex or duplex configurations
- Engineering orderwire
- Station ID selection
- Front panel diagnostic display
- Front accessible maintenance
- One-rack unit design

Overview

The DataQ Modem offers a cost-effective way to deliver more information over new and existing video microwave systems. The DataQ Modem can be configured to carry E1 or T1 data applications over one programmable subcarrier, 1.5 MHz wide, that is inserted above the transmitted video signal.

For outstanding flexibility, the DataQ offers frequency agile synthesizers that can be field tuned, through the front panel, in 8 kHz steps across the center frequency range of 6 to 9 MHz. In addition, the front panel provides convenient control of the fault diagnostics.

The DataQ Modem incorporates advanced modulation techniques that reduce equipment complexity and power consumption, resulting in enhanced network reliability. One DataQ Modem can be configured to support simplex or duplex radio terminals.

For more information about the DataQ Modem, please call your local MRC sales representative, or contact directly at 800.490.5700, in the U.S. and Canada, or +1.978.671.5700.

