

QPSK Modem



Applications

- Digital connection for Interactive Television (ITV)
- LAN Interconnect - Remote Bridging
- Compressed Video
- Studio to Transmitter Links
- Compliance Testing (DTV-CableLabs)

Features

- Data Rates 56 Kbps to 10 Mbps including T1/E1
- Transmits Data over AM/FM Fiber, Broadband Coax, or Wideband Microwave
- Synchronous, Full Duplex Operating Mode
- Frequency Agile 5 - 400 MHz
- Spacing of 0.7 x Data Rate
- Loopback and Other Fault Diagnostics

Description

The Model 5450 is a high-speed modem designed to facilitate point-to-point data communications over broadband coax, modulated fiber or wideband microwave. Because of the modem's spectral efficiency, many users can be accommodated in a small amount of bandwidth. The Model 5450 provides complete frequency flexibility with dial selection of independent transmit and receive frequencies. This allows new data channels to be inserted in currently unused frequencies. The Model 5450 shares a common medium with existing signals without causing interference. Using the Model 5450 with its optional internal bridge or an external router allows networks to be easily bridged. Data rates from 56 Kbps to 10 Mbps cover most all the common requirements including T1 and E1. Similarly, a wide variety of popular interfaces are available. The interfaces are easily changed by the user without the requirement of factory return. Data rates can be changed at the factory or by the customer through the use of data rate change kits.

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Model 5450 Datasheet

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