

QPSK/BPSK Modem



Features

- Data Rate Agile 56 Kbps to 15 Mbps including T1/E1
- Transmits Data over AM/FM Fiber,
- Broadband Coax, or Wideband Microwave
- Synchronous, Full Duplex Operating Mode
- Frequency Agile 5 - 960 MHz
- Spacing of 0.7 x Data Rate for QPSK
- 1.4 x Data Rate for BPSK
- Remote Control of All Modem
- Parameters
- Loopback, BER Generation and Other
- Fault Diagnostics
- QPSK or BPSK Modulation

Applications

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

Description

The Model 5960 is a high-speed modem designed to facilitate point-to-point data communications. Because of the modem's spectral efficiency, many users can be accommodated in a small amount of bandwidth over broadband coax, modulated fiber or wideband microwave. The Model 5960 provides complete data rate and frequency flexibility with front panel touch pad or remote interface selection of all modem parameters. This allows new data channels to be inserted in currently unused frequencies. The Model 5960 shares a common medium with the audio and video signals without causing interference. Using the Model 5960 with its optional internal bridge or an external router allows networks to be easily bridged. Data rates from 56 Kbps to 15 Mbps cover most all the common requirements including T1, E1 and 10 Mbps. Similarly, a wide variety of popular interfaces including Ethernet are available. The interfaces are easily changed by the user without the requirement of factory return.

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Model 5960 Datasheet

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Specifications subject to change without notice.

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System
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