

QPSK Microwave Modem



Applications

- Adds Data above Voice capability to existing systems
- LAN Interconnect
- Remote Bridging
- Compressed Video
- Added T1/E1 capability

Features

- Data Rates 56 Kbps to 10 Mbps including T1/E1
- Transmits Data over Analog Microwave (DaV, DiV)
- Synchronous, Full Duplex Operating Mode
- Frequency Agile 0.5 - 40 MHz
- Spacing of 0.7 x Data Rate
- Loopback and Other Fault Diagnostics

Description

The Model 5140 is a high-speed modem designed to facilitate point-to-point data communications over existing analog microwave. Because of the modem's spectral efficiency, high data rate transmissions can be accommodated in a small amount of bandwidth. The Model 5140 provides complete frequency flexibility with dial selection of independent transmit and receive frequencies. This allows new data channels to be inserted in currently unused bandwidth. The Model 5140 shares a common medium with existing signals without causing interference. Using the Model 5140 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 use of optional interfaces or data rate change kits.

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Model 5140 Datasheet

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