



Press Release

For More Information
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May 11, 2007

New RS-422/449 Fiber Modem Supports High Data Rates

The TC1720 Fiber Optic modem is typically used for RS-422/449 applications requiring high data rates and handshaking. It supports asynchronous data rates up to 10Mbps and synchronous rates up to 5Mbps. Electrical interfaces are modular and can be easily changed before or after installation.

Distances up to 80km are possible depending on various factors including electrical interface, optical transmitter, number of fiber optic connectors and fiber type and quality. Power redundancy is standard. Optical redundancy is optional. TC1720 is also Profibus compatible.

Diagnostics are extensive and include a built-in Test Signal Generator, local & remote loopback tests and LEDs for Power, Alarm, Tx, Rx and all applicable control signals. The Test Signal Generator verifies both device and fiber optic link operation.

Available for multimode (1300nm) or single mode (1300/1550nm), the TC1720 is compatible with all popular sizes and types of fiber optic cable. Fiber optic connectors are ST, SC or FC. Electrical connectors are DB37 female. Power options are 12VDC (standard), 24VDC, -48VDC, 125VDC or 115/230VAC with an external power cube.

The TC1720 is available in two versions: TC1720R Rackmount Card for installation in a 19" rack assembly (TCRM192 or TCRM196) or TC1720S Standalone version. Standalone or rackmount versions can be mixed or matched on either end. There are two optional versions (Model TC1720T) for extreme temperature applications (-20° to 70°C & -40° to 80°C).

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Specializing in Fiber Optic Communications networks, TC Communications, Inc. designs, manufactures and sells a wide variety of specialty and general purpose Fiber Optic Connectivity Devices---including all types of Multi Access Platforms, Ethernet Switches, Ethernet Media Converters, Modems, Multiplexers, Telephone/Data Multiplexers and Telephone Extenders.

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