

Press Release

For More Information
Rich Aure (775) 746-5159

Aug. 28, 2007

New High Capacity Ethernet & T1/E1 Fiber Multiplexer

Irvine, CA----- A new high capacity Ethernet and T1/E1 multiplexer from TC Communications gives users the cost saving benefits of minimal hardware and fiber conserving efficiency along with a wide array of features. Key features include Web Management, Statistics Monitoring, Network Time Server (NTS), and an Extreme Temperature option.

The TC8518 Ethernet & T1/E1 Fiber Multiplexer multiplexes 8/16/20/24 T1 channels or 8/16/20 E1 channels and three 10/100 Ethernet Switch ports over multimode or single mode fiber optic cable. The three Ethernet ports support non-blocking full 100Mbps bandwidth. It supports distances to more than 100 km and offers standard redundant power and optics, including automatic switchover for maximum reliability.

The TC8518 is a simple yet advanced and reliable point-to-point solution for combining multiple T1/E1 lines and Ethernet over a single fiber. Typical applications include extending T1/E1 signals from Cell Towers to Central Offices and adding Ethernet service to existing T1 or E1 fiber optic links, or vice versa. Service Providers use the TC8518 as an efficient, cost effective method to provide their customers with Ethernet (100 Mbps with Rate Limiting capability) connections for data and T1/E1 for voice.

Setup, diagnostics and control is accessed via Web Interface, Serial Console, Telnet, or SNMP management. Diagnostics include LED indicators, dry contact alarms, and local and remote loopback. Additional features include VLAN, Rate Limiting, Remote Firmware Upgrades, industrialized versions, save/load configurations, and a two-way, one fiber option to double usage of existing fiber optic cable.

The Ethernet ports are IEEE 802.3/802.3u/802.3x compliant. Each T1 or E1 channel is independent, transparent to the framing format and supports all applicable standards and line codes.

The TC8518 is available in a 1U high "Rack Mount." Fiber optic connectors are SC. Standard power supplies are redundant and hot-swappable 110/230VAC. Optional power is 24VDC or -48VDC. High temperature (-20°C to +70°C) and extreme temperature (-40°C to +80°C) versions are optional.

#

Specializing in Fiber Optic Communications networks, TC Communications, Inc. designs and manufactures all types of Multi Access Platforms, Ethernet Switches, Media Converters, Modems, Multiplexers, Telephone/Data Multiplexers and Telephone Extenders.

TC COMMUNICATIONS, INC.

17881 Cartwright Road • Irvine, CA 92614 U.S.A.
Tel: (949) 852-1972 • Fax: (949) 852-1948
Web Site: www.tccomm.com • E-Mail: sales@tccomm.com