

### About the MediaTac Active Fiber Optic Cable Assemblies

Amphenol Fiber Systems International (AFSI) offers MediaTac harsh environment fiber optic active cable assemblies for oil & gas land seismic and military applications. Active cable assemblies allow equipment manufacturers to enjoy the advantages of fiber optics (lighter weight, longer distances, higher bandwidth, and EMI immunity) over copper without needing to re-design their external interfaces.

The MediaTac supports bi-directional operation and can provide full duplex transport of 10/100 BaseT Ethernet over one single mode or multimode fiber. In addition, the unit can be configured to support simplex (one single mode or multimode fiber) or full duplex over two single mode or multimode fibers.

The unit is equipped with a universal adapter plate, allowing the user to select a simple cable entry or various fiber optic connector interfaces (mTACH, TFOCA-II®, TACBeam®), depending upon requirements.

Ideal for extended outdoor use, the MediaTac is sealed to IP68 and is equipped with a sacrificial anode used to protect a submerged MediaTac from corrosion. The unit can be specified with rugged tactical or Amphenol's ArmorLite rodent-resistant fiber optic cable.



*Land Seismic Truck*



*MediaTac with mTACH Connector Option*

### Features and Benefits

- Active plug eliminates system re-design when converting to fiber optic transport
- Extensive sealing and sacrificial anode allows the unit to be exposed outdoors indefinitely
- Supports simplex or full duplex transport over a single fiber
- Supports single mode or multimode fiber
- Auto-configurable 10/100 Base T
- Universal adapter plate allows straight cable entry or your choice of harsh environment connector types

### Specifications

Max Distance-SM: 10km

Max Distance-MM: 2km

Power: 24VDC @ 1A

### Applications

- Land Seismic
- Military Ground Systems
- Satcom Systems



### How to Order

To order or to obtain a price quote on our AFSI MediaTac product line, call toll free (US only) at 800.472.4225, international calls please use 1.214.547.2400 or e-mail [sales@fibersystems.com](mailto:sales@fibersystems.com).



*MediaTac with Single Fiber Bi-Directional Cable Option*

### About Amphenol Fiber Systems International

Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than a decade in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, MIL-ST, TFOCA and the TFOCA-II® connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors worldwide. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

Visit [www.fibersystems.com](http://www.fibersystems.com) for more information.