

# Fiber Optic Multiplexer Modules

## TEL Series

### *Gigabit Ethernet Converter*

#### **Description**

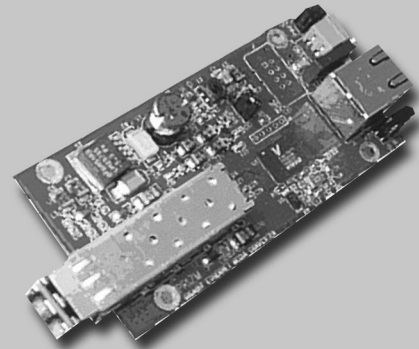
The latest member of the Prizm™ TEL Series, Gigabit Ethernet Media Converter, provides an elegant solution for converting twisted pair media to fiber optic media at Gigabit data rate.

#### **Features**

- Fully transparent Ethernet link
- Dedicated 100 Mbps Ethernet link
- Designed for operation in harsh environments (-20° to +65° Celsius)
- Custom configurations available

#### **Benefits**

- The lightweight and compact media converter is one of the smallest Gigabit media converters on the market
- The Prizm TEL Series is available as an OEM board solution or a stand alone product in its own packaged solution



#### **Typical Applications**

- Terrestrial Robotics

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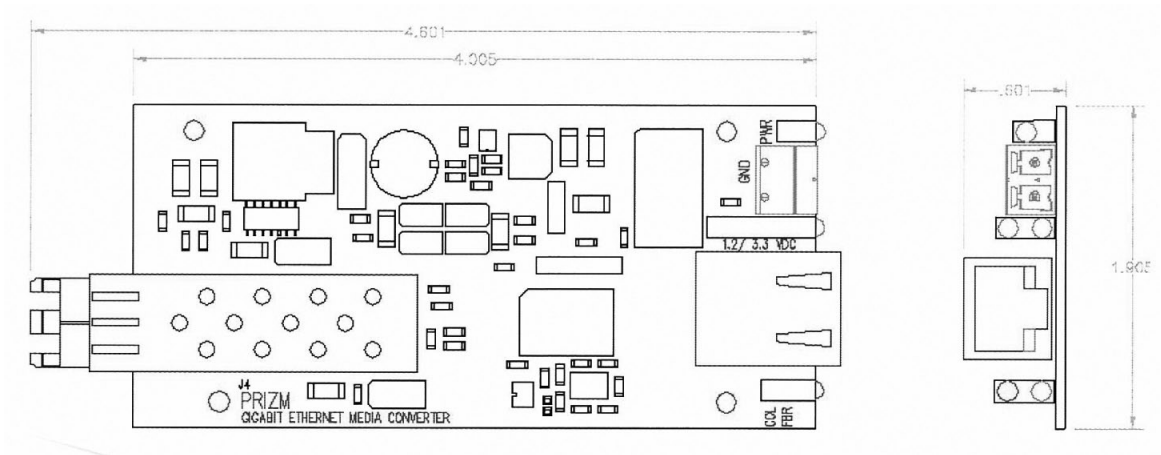
# Fiber Optic Multiplexer Modules

## Specifications

Optical	
Fiber	Single or multimode
Link Rate	1.25 Gigabit / s
Optical Connector	LC or SC
Optical Budget	20 db typical
Distance	Singlemode up to 50 Km Multimode up to 500 m <i>Longer distances available in custom configuration</i>
Supply	
Voltage	+5 - +24 VDC (other options available)
Power	3 Watts max

Environmental	
Operating Temperature	-20° to +65° Celsius
Storage Temperature	-40° to +85° Celsius
Relative Humidity	Up to 90% non-condensing
Mechanical	
Connector	
Optical	Single or dual fiber
Ethernet	RJ-45
Power	2-pin Phoenix

## Mechanical Information



Dimensions in inches.

**24 / 7 Technical Customer Support**  
**Hotline: 610-605-6101**

Specifications and information are subject to change without prior notice.  
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