

ML-300

10/100 SFP Fiber Media Converter

Nitek's line of fiber optic Media Converters allows the customer to extend 10/100 or Gigabit Ethernet communications well beyond the reach of copper solutions. Nitek offers versions of Media Converters that work over pairs of single-mode fiber or multi-mode fiber, and variants that will communicate over a single optical fiber. Max link distances range from 2 to 20km, and beyond. Nitek's Media Converters also offer a range of configurations: rack-mount and voltage options such as low voltage (5VDC, 6-15VDC), industrial voltages (12-30VAC, 12-57VDC), and PoE (48-57V). The -POE models will output power on the network port to power remote cameras or devices.

The ML-300 is another of Nitek's popular Media Converters. The ML-300 allows the customer to convert 10/100 Fast Ethernet to optical using a pluggable SFP optical module (sold separately). The pluggable SFP allows the customer to choose the optical interface best suited for the fiber link.



PRODUCT FEATURES

- Miniature Design
- 1x 10/100 (Fast Ethernet) RJ45 Network Port
- 1x SFP (Small Formfactor Pluggable) socket
- User can customize optical interface
- Autosensing MD/MDIX crossover on network port
- LED indicators for network signals, link status, and power
- Power Supply included
- Easy to set up and install
- Limited Lifetime Warranty
- Designed, tested, manufactured, and supported in the U.S.A.

TECHNICAL SPECIFICATIONS

Max Operating Distance

Electrical: Up to 100m on Network Port (10/100/1000 copper)

Optical: determined by SFP selection (sold separately)

Power

Requires: 12-30VDC/12-57VDC 250mA max

LED Connectivity Indicators

Orange/Green Flashing LED for 10/100BASE electrical link & activity

Green Flashing LED for Optical link & activity

Green LED for power

Mechanical Dimensions (L x W x H)

117mm x 44mm x 30mm / 4.6" x 1.7" x 1.2"

Mounting: (2x) 8mm / 3/8"

Shipping Dimensions (L x W x H)

Package: 194mm x 162mm x 61mm / 7.6" x 6.4" x 2.4"

Weight: 0.3kg / 0.7lbs

Environmental / Temperature

Operating Temperature: 0°C to 70°C / 32°F to 158°F

Storage Temperature: -40°C to 85°C / -40°F to 185°F

Mean Time Between Failure: >100,000 Hours

Connectors

Network Port: RJ45 Connector

Optical Port: SFP slot

Ethernet:

10/100 full or half-duplex

Optical:

Determined by SFP selection (sold separately)

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