

## Multimode Fiber to Ethernet Media Converter, 10/100BaseT to 100BaseFX-ST, 2km, 1310nm

MODEL NUMBER: N784-001-ST



### Highlights

- Convert UTP Ethernet to Fiber
- Supports Auto MDI/MDI-X
- Half- or Full-Duplex Operation
- 10/100 Auto-sensing
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

### Package Includes

- 10/100 Multimode Media Converter, UTP - ST
- External Power Supply with NEMA 1-15P Plug ( 100-240V )
- Owner's Manual

### Description

The N784-001-ST 10/100 Multimode Media Converter is an economical way to extend the distance (up to 2 kilometers) of network nodes by converting Cat5/6 UTP cables to Fiber Optic. The Media Converter features automatic MDI/MDI-X configuration, and the UTP port senses the network speed automatically as well. DIP switches allow half or full duplex operation on the fiber port. Power supplied by either AC-DC adapter or USB connection (switch selectable).

### Features

- Connect 10BaseT/100BaseT UTP Ethernet to 100BaseFX Fiber Ethernet
- Auto MDI/MDI-X
- UTP port auto-senses network speed
- Switch selectable half or full duplex operation on the fiber port
- Fiber lengths up to 2Km
- 2 Power Choices - AC-DC Adapter or USB
- 5 LED Function lights
- Uses 62.5/125 or 50/125 Multimode cable
- 3.75"L x 2.75"W x 1"H
- Wavelength: 1310nm
- Supports Link Fault Pass-through (LFP) for easy tracing of network link failures
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

## Specifications

| OVERVIEW     |                   |
|--------------|-------------------|
| UPC Code     | 037332130907      |
| Product Type | Fiber to Ethernet |

|  |   |
|--|---|
| Technology                                   | Cat5/5e; Multimode  |
| Mode Type                                    | Multimode   |
| <b>DISPLAY</b>                               |   |
| Accessories (Included)                       | External Power Supply (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V/2A)   |
| <b>NETWORK</b>                               |   |
| Network Ports                                | RJ45 (FEMALE); ST (FEMALE)  |
| <b>INPUT</b>                                 |   |
| AC Power Adapter Plug(s)                     | NEMA 1-15P North America  |
| AC Power Adapter Input Specs (V / Hz / A)    | 100-240V / 50/60Hz / 1.2A   |
| AC Power Adapter Output Specs (V / A)        | 5V / 2A   |
| AC Power Adapter Cord Length (ft.)           | 4.53  |
| AC Power Adapter Cord Length (m)             | 1.38  |
| <b>POWER</b>                                 |   |
| Power Source Type                            | AC Adapter  |
| AC Adapter                                   | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 1.2A  |
| DC Barrel Plug                               | OD: 5.5 x 2.5 x 11mm, Positive Pin, Negative Sleeve   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| LED Indicators                               | PWR (Power LED), FX LNK/ACT (Fiber port connection indicator), FX FDX/COL (Full/half duplex indicator), TP LNK/ACT (Copper port connection indicator), TP 100 (10/100 Mbps Speed Indicator) |
| <b>PHYSICAL</b>                              |   |
| Color  | Black   |
| Power Cord Color                             | Black   |
| Shipping Dimensions (hwd / in.)              | 9.25 x 2.17 x 4.92  |
| Shipping Dimensions (hwd / cm)               | 23.50 x 5.51 x 12.50  |
| Shipping Weight (lbs.)                       | 0.94  |
| Shipping Weight (kg)                         | 0.43  |
| Unit Dimensions (hwd / in.)                  | 1.020 x 2.760 x 3.700   |
| Unit Dimensions (hwd / cm)                   | 2.5 x 7.0 x 9.5   |
| Unit Packaging Type                          | Box   |
| Unit Weight (lbs.)                           | 1.00  |
| Unit Weight (kg)                             | 0.45  |

|  |                                   |
|--|-----------------------------------|
| Housing                                | Metal                             |
| <b>ENVIRONMENTAL</b>                   |                                   |
| Operating Temperature Range            | 32° to 122°F (0° to 50°C)         |
| Storage Temperature Range              | -4° to 158°F (-20° to 70°C)       |
| Relative Humidity                      | 5% to 90% RH, Non-Condensing      |
| <b>COMMUNICATIONS</b>                  |                                   |
| Network Compatibility                  | 10 Mbps; 100 Mbps (Fast Ethernet) |
| Network Speed Details                  | 10 Mbps; 100 Mbps                 |
| Wavelength                             | 1310nm                            |
| Transmission Distance                  | 2 km                              |
| Wavelength Division Multiplexing (WDM) | Yes                               |
| <b>CONNECTIONS</b>                     |                                   |
| Side A - Connector 1                   | RJ45 (FEMALE)                     |
| Side B - Connector 1                   | ST DUPLEX (FEMALE)                |
| <b>FEATURES &amp; SPECIFICATIONS</b>   |                                   |
| Data Transfer Rate                     | 10 Mbps; 100 Mbps                 |
| Mounting Accessory Included            | No                                |
| Working Mode                           | Full/Half Duplex                  |
| Auto MDIX Support                      | Yes                               |
| DIN Mountable                          | No                                |
| Optical Port                           | ST                                |
| <b>STANDARDS &amp; COMPLIANCE</b>      |                                   |
| External Power Supply Certifications   | CE; FCC; cUL; WEEE                |
| Product Compliance                     | RoHS; CE (Europe); FCC (USA)      |
| <b>WARRANTY &amp; SUPPORT</b>          |                                   |
| Product Warranty Period (Worldwide)    | 2-year limited warranty           |



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