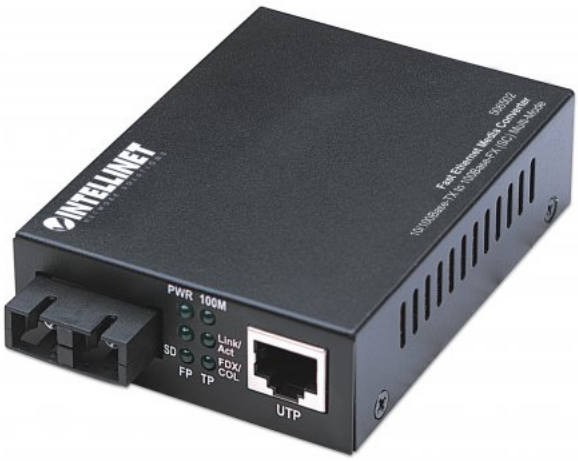

Fast Ethernet Media Converter

10/100Base-TX to 100Base-FX (SC) Multi-Mode, 2 km (1.24 mi)

Part No.: 506502

EAN-13: 0766623506502 | UPC: 766623506502

The Intellinet Network Solutions Fast Ethernet Media Converter was specifically designed to offer the network designer a device for migration from copper-based Ethernet to Fiber Ethernet. Now migration or expansion of existing networks can be achieved with minimum cost and complexity. The converter is completely transparent to the network so the network performs exactly the way it did before – only now it can support both copper and fiber mediums.

Expands the Size of an Existing Network

Provides fiber connectivity to Ethernet segments, allowing for even further networking expansion between extended workgroups. Also provides building-to-building connectivity without the need for the cost and disruption associated with the installation of additional routers.

Enhances the Distance between Networking Devices

Connecting the converter to fiber segments can further extend distances between networking nodes. This can be achieved by direct connection between the converter and a fiber-based node or networking device.

Cabling Flexibility

Network managers can install fiber cabling anywhere within a network without changing the arrangement of copper-based Ethernet. The compact size of the converter allows it to be easily deployed in any narrow desktop location or to be used in a wall-mount installation. Several converters can be simultaneously

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

installed into a 19" rack-mountable chassis.

Features:

- Data transfer rate: 100 Mbps
- One 10/100Base-TX RJ45 port, maximum distance 100 m / 300 ft.
- RJ45 port with Auto MDI/MDI-X support and auto-negotiation
- One 100Base-FX multi-mode Fiber SC duplex port
- Fiber distance support: up to 2 km / 1.24 mi (62.5/125 or 50/125 µm cable)
- Wavelength: 1310 nm
- Flow control
- Status LEDs for power and Link/TX for both ports
- Supports jumbo frames up to 1.6 KBytes
- External power adapter, 5 V DC
- Functions as a stand-alone converter or can be used with the 14-slot media converter chassis, model 507356
- Fully NDAA-compliant
- Three-Year Warranty

Specifications:

Standards
• IEEE 802.3 (Twisted Pair Ethernet)
• IEEE 802.3u (Twisted Pair/Fiber Optic Fast Ethernet)

General
• Media support:
  - 100Base-TX Cat3 or higher UTP/STP RJ45, EIA/TIA 568
  - 100Base-FX multi-mode 62.5/125 or 50/125 µm Fiber
• Connectors:
  - One RJ45 port, 100Base-TX
  - One Fiber SC duplex port, 100Base-FX
• Distances:
  - 2 km / 1.24 mi (62.5/125 or 50/125 µm fiber cable)
  - 100 m / 300 ft (RJ45 cable)
• Wavelength: 1310 nm
• Min. TX power: -22 dBm
• Max. TX power: -12 dBm
• RX sensitivity: -30 dBm
• Signal loss: 2 dB/km
• Certifications: FCC Class B, CE, UKCA, NDAA

LEDs
• Power

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

- LINK/ACT for RJ45 port
- LINK/ACT for Fiber SC port
- 100 Mbps link speed indicator for RJ45 port
- Optical signal input LED
- Full/half duplex

Power
- External power adapter, 5 V DC, 1 A
- Power consumption: 2.5 Watts (maximum)

Environmental
- Metal housing
- Dimensions: 107 (L) x 70 (W) x 26 (H) mm (4.2 x 2.8 x 1.0 in.)
- Weight: 180 g (0.4 lbs.)
- Operating temperature: 0 – 70°C (32 – 158°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -45 – 80°C (-49 – 176°F)

Package Contents
- Fast Ethernet Media Converter
- External power adapter
- User manual

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.

For more information on Intellinet products, consult your local dealer or visit www.intelllinet-network.com.
All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.