



# Media Converters

**Find the right Media Converter for your application**

2025 Revision A

# Unmanaged Media Converters

Extend the life of legacy equipment, connect a variety of cabling, or lengthen the distances in your network

## UMC Series

Fast Ethernet and Gigabit Fiber to USB Media Converters



Allied Telesis UMC200 and UMC2000 USB media converters are the perfect fit for devices using today's USB-A (USB1, 2 & 3) technology, as well as those using next-generation USB-C connectivity.

Use case:

- Fiber to Laptop

Port layout:

- USB-c or USB-A to SC, ST, LC or SFP

Features include:

- Power and data via USB
- TAA Compliant
- Compact Form Factor
- Fast Ethernet & Gigabit options
- Suspend mode/remote wakeup
- Advanced link down power saving
- IEEE 802.1P Layer 2 priority encoding and decoding
- IEEE 802.1Q VLAN tagging and VLAN ID filtering
- Jumbo frames support

## DMC Series

Copper to Fiber Mini Media Converters



The Allied Telesis DMC series of Mini Media Converters are among the smallest, lowest powered, media converters in the market today, capable of being powered by USB.

Use case:

- Under Desk/Wall mount fiber to the desktop

Port layout:

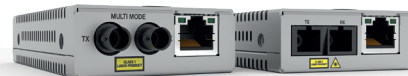
- Copper to SC, ST, LC

Features include:

- Powered via USB (C or A)
- Under Desk/Wall Mount applications
- Pass through design with ports on opposite sides
- TAA Compliant
- Fast Ethernet & Gigabit options
- Compact Form Factor
- Auto negotiation
- Transparent to IEEE 802.1Q packets
- Auto MDI/MDI-X
- Smart MissingLink™
- Smart Link Restoration
- Link test

## MMC Series

Fast Ethernet & Gigabit Mini Media & Rate Converters



Mini media converters offer a smaller size and smaller carbon footprint to help the environment and save space in the office.

Use case:

- Chassis/Rackmount or standalone

Port layout:

- Copper to SC, ST, LC or SFP

Features include:

- Locking Power adapter (stand alone mode)
- Stand Alone or Up to 18 Conversions in 2U Chassis (MMCR18)
- TAA Compliant
- Fast Ethernet, Gigabit & 10G options
- Multimode, Singlemode & I-temp options
- Locking Power Supply for security
- Smart MissingLink™
- Smart Link Restoration
- Link test

# PoE & Industrial Unmanaged Media Converters

## UMC2000TP

Media Converters



Allied Telesis UMC2000TP PD to USB-C®/RJ45 PoE and data adapter is remotely powered by the PoE++ RJ45 copper input port, allowing remote installation where power may not be easily accessible or conveniently located. The compact design and PoE power input enable flexible deployment at up to 100 meters from the PoE switch.

Use case:

- Connects and powers devices over either USB-C or RJ45 copper cables

Port layout:

- USB, RJ45 x 2

Features include:

- 1 x 90W RJ45 PD port
- 1 PoE RJ45 + 1 USB-C 60W PoE (Shared)
- Small Form Factor
- TAA Compliant
- For IoT-device/PoE camera enablement
- For PoE desk phone/Tablet or smartphone connector

## PC200x Series

Fast Ethernet and Gigabit Fiber to POE+ Media and Rate Converters



Allied Telesis PC200/2000 Series Media Converters are the ideal solution for powering remote devices such as IP phones, video cameras and wireless access points.

Use case:

- PoE to Desk/Camera

Port layout:

- Copper PoE to SC, LC, SP, RJ45

Features include:

- Supplies up to 30W of PoE power
- Compact design with internal power supply
- Remote power cycle to reset PoE+ port
- Standalone or wall mountable
- Converts speed as well as media type
- TAA Compliant

## IMC20xx Series

Fast Ethernet and Gigabit Industrial Media and Rate Converters



Allied Telesis industrial media converters are the perfect fit for networks needing an extended temperature range. They extend the distance of the network by converting data between twisted-pair cabling and multi-mode or single-mode fiber-optic cabling.

Use case:

- Industrial standard & PoE

Port layout:

- RJ45, SC, SFP

Features include:

- 100MB, 1G and 10G options
- PoE and Non-PoE models
- Fanless design
- Wide operating temp (-40° C to 75° C)
- PoE Up to 60W
- TAA Compliant
- Stand Alone or Din-Rail
- DC powered

# Managed Media Converters

Extend the distance of Fast Ethernet and Gigabit Ethernet networks with high channel density media devices

## PC3000 Series

Gigabit Managed Fiber to PoE Industrial media Converters



Allied Telesis PC3000bt2/SP Managed Media Converter converts fiber to two copper ports (RJ45) of PoE++ (bt standard 90w) shared power. The SFP port can accept 100mb or 1 Gig SFP's.

Use case:

- IP Camera, Wireless AP, Phone

Port layout:

- SFP, RJ45 x 2

Features include:

- Converts fiber to PoE++ copper (2 ports shared)
- Supplies power up to the BT standard (90W)
- Remote power cycle to reset PoE++ port
- Standalone or wall mountable
- Can use new SPSX/SC or SPFX/SC
- SFP enable Speed/Distance Customization
- TAA Compliant
- Basic Mgmt Features
  - Status
  - Port settings
  - Statistics

## IMC3000 Series

Fast Ethernet and Gigabit Fiber to USB Managed Media Converters



IMC3000bt2/SP Managed Industrial Media Converter converts fiber to two copper ports (RJ45) of PoE++ (bt standard 90w) shared power. The SFP port can accept 100mb or 1 Gig SFP's. In addition, it has one dedicated port accepting PD to power the device without the need of an external power supply.

Use case:

- Industrial PoE W/basic Mgmt

Port layout:

- Copper to SFP

Features include:

- 1 PD Port , 2 PoE ++ ports, 1 SFP port
- 802.3at & 802.3bt PoE++ (90W) supported
- PoE:
  - 90W shared using External PSU
  - 60W Shared using PD (71.3W)
- Remote Power Cycle
  - Fiber dropped, PoE can cycle Power
- 100MB & Gig SFP modules
- Basic Mgmt Features
  - Status
  - Port settings
  - Statistics

## MCF3000 Series

Fast Ethernet & Gigabit Mini Media & Rate Converters



The Allied Telesis MCF3000 Series features the MCF3300 1RU, 3-slot Modular media converter, capable of supporting up to 24 media conversions, depending on the connector. It is the industry's smallest form factor model for up to 24 media conversions.

Use case:

- Chassis/Rackmount or standalone

Port layout:

- Copper to LC, SFP

Features include:

- Supports up to 24 ports in 1RU Form Factor
- SFP option for Distance and Speed
- Redundant PSU Option
- Mgmt Functionality:
  - Configure, monitor and troubleshoot remotely
  - Backup/restore/upgrade
  - Robust Security Features
  - Hardware monitoring