



QP - 202C
Media Converter

Fast Ethernet Media Converter

100Base-TX to 100Base

Description

The Fast Ethernet media converter is designed to bridge a 100Base-TX signal to a 100Base-FX signal. It's used to extend the connection distance between two Fast Ethernet Twisted-pair devices via fiber cable transparently with no performance degradation.

The converter is base on switching hub design. It's supported Auto-negotiation & flow control on Twisted-pair port and provided SC connector for Single-mode fiber.

Specifications

Wavelength

- 1310nm on Multi-mode

Data Transfer Rate

- 100Mbps/10Mbps

LED indicators

- System - power
- Twisted pair port
- Link/Activity, Speed and FDX/Col
- Fiber port
- Link/Activity & FDX LEDs
- 100Base-FX interface for Up to 2, 5km (1.24, 3.1 mi.) for MMF 50/125um or 62.5/125um optic cables on full-duplex operation
- LED indicator supports
- 1 x 100Base-FX fiber port (SC type MMF)
- Supports fault propagation
- Can be installed on media converter chassis

Standards

- IEEE 802.3u 100Base
- T/100Base-TX and 100Base-FX

Media support

- 10BASE-T EIA/TIA 568 Cat3, 4, 5, 5e or 6 UTP/STP - 100Base-TX EIA/TIA 568 Cat5, 5e or 6 UTP/STP - 100Base-FX Multi-mode 50/125um & 62.5/125um MMF

Distances support

- Twisted pair STP 120 meters / 393ft

- Multi-mode fiber: 415 meters for half-duplex
- Multi-mode fiber: 2,5km for full duplex

Temperature

- 0°C to 45°C (Operating)
- -20°C to 90°C (Storage)

Humidity

- 10% to 90% (Non-condensing) Power consumption
- 3.4 Watts (max)
- Supports Full-duplex & Half-duplex operation on fiber by slide switch
- 100Base-FX interface for Up to 415 meters (1360 ft.) for MMF 50/125um or 62.5/125um optic cables on half-duplex operation
- Complies with IEEE802.3u 10Base-T/100Base-TX, 100Base-FX Standards.
- 1 x Twisted pair STP port (RJ-45 connector)
- Support Auto-MDIX & Auto-negotiation
- TP port up to 100 meters for shielded/unshielded twisted pair cable
- Supports Full-duplex & Half-duplex operation on TP base on Auto-negotiation

Power Requirement

- 5V DC 1A 12. Dimensions - 102 mm x 75 mm x 22 mm (LxWxH) Weight
- 230g (No power adapter)

