

Media Converter

Single Fiber



Product Description

UBIQCOM Media Converter (**10/100 & 10/100/1000 Single Fiber**) is a kind of intelligent, adaptive and fast Ethernet converter devices. It can implement data transmission between twisted pair electrical signals and optical signals which are the two types of network connection media. Using media converter is an economical solution to achieve long distance transmission base on current status.

Product Features

- In conformity to IEEE802.3 10base-T, IEEE802.3u 100 base-TX/FX, IEEE802.3ab 1000 base-T, IEEE802.3z, 1000base-SX/LX.
- MDI/MDI-X Auto Negotiation.
- Hot Pluggable & Wall-Mountable.
- Stable performance more than 50 thousand hours with fault-free.
- Unique IC solution applied.
- Supports 10/100Mbps and 10/100/1000M full/half duplex, easy upgrades.
- In conformity with safety code of FCC, CE and RoHS..

PRODUCT FEATURES AND SPECIFICATIONS

Single Fiber Media Converter



10/100 Single Fiber



10/100/1000 Single Fiber

Optical Interface

Connector: SC(default)/FC/ST

Optical Module: 1*9 type

Data Rate: 100Mbps, 1000Mbps

Duplex Mode: Full duplex

Fiber: MM 50/125um,62.5/125um; SM 9/125um

Distance

100Mbps: MM 2km,SM25/40/60/80/100/120km

1000Mbps: MM 550m/2km,SM 20/40/60/80/100/120km

Wavelength

MM 850nm,1310nm

SM 1310nm,1550nm

WDM Tx1310/Rx1550nm(A side),

UTP Interface

Connector:RJ45

Data Rate:10/100Mbps, 10/100/1000Mbps

Duplex Mode: Half/full duplex

Cable: Cat5,Cat6, Cat7

Power Input

Adapter Type: DC5V(default), 12V/24V/48V

Power Built-in Type: AC100~240V

Power Consumption: <3W

Weight

Adapter Type: 0.39kg

Power Built-in Type: 0.67kg

Dimensions

Adapter Type: 94*70.5*26.5mm(default); 53*46*26mm for mini type

Power Built-in Type: 140.5*111*30mm

Temperature: 0~60°C Operating; -40~70°C Storage

Humidity: 5~95%(no condensing)

MTBF: ≥10.0000h

Certification: CE, FCC, RoHS

Model Number	Optic Fiber	Wavelength	Reach
UB5135-SM-02A/B	Single mode	1310/1550NM	MM 2km,SM25/40/60/80/100/120km
UB 5135-SG-20A/B	Single mode	1310/1550NM	MM 550m/2km,SM 20/40/60/80/100/120km

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