

Product Features

- Meets IEEE802.3u 100BaseTX and 100BaseFX standards
- Auto-Negotiation for 10/100M TP port speed
- High quality and excellent reliability
- Plug-and-Play installation
- Full-duplex 100Mbps Ethernet operation up to 120Km
- Two RJ45 ports for installation easily
- 9 diagnostic and monitoring LEDs for the status of power, FX link/ACT, TX link/ACT
- Half-duplex and full-duplex identify automatically
- Stand-alone with external power adapter
- CE, RoHS and FCC Certifications



Order Information

Model No	Fiber Type	Wavelength(nm)	Fiber Length(Km)
NMC-3301	SM	1310	20
NMC-3302	SM	1310	40
NMC-3303	SM	1310	60
NMC-3304	SM	1550 DFB LD	100
NMC-3305	MM	1310/850	2

Package Checklist

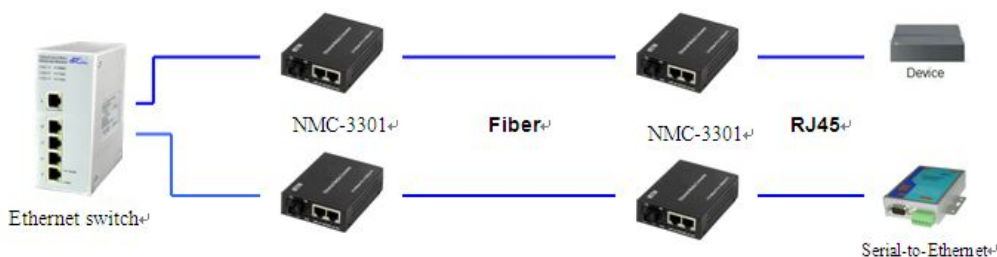
- NMC-3301 Ethernet Media Converter
- Power adapter 5V

Product Description

The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x Standards. It is designed to convert data signal between 100 Base-Tx and 100 Base-Fx fast Ethernet. The data signal converted by such high performance media converter can be transmitted up to 20Km maximum by fiber-optical cable.

The Converter is equipped with two fiber optic connectors (One for transmitting-Tx and another for receiving-Rx), two RJ-45 Jacks and one external power supply receptacle. Six LED indicators are built-in for easy diagnosing and monitoring the status of power, Unshielded Twisted Paired (UTP) Link, UTP Activity, Fiber Link, Fiber Activity, Full duplex and data rates. It can be configured automatically for Full Duplex or Half Duplex operation.

It is compact, cost-effective, low dissipative, high reliable and stable. It can be used in standalone applications or Rack-Mounted applications where multiple media converter can be inserted into a rack-mount chassis (Up to 10 units) and allowing all the converters to be powered by a single internal power supply.

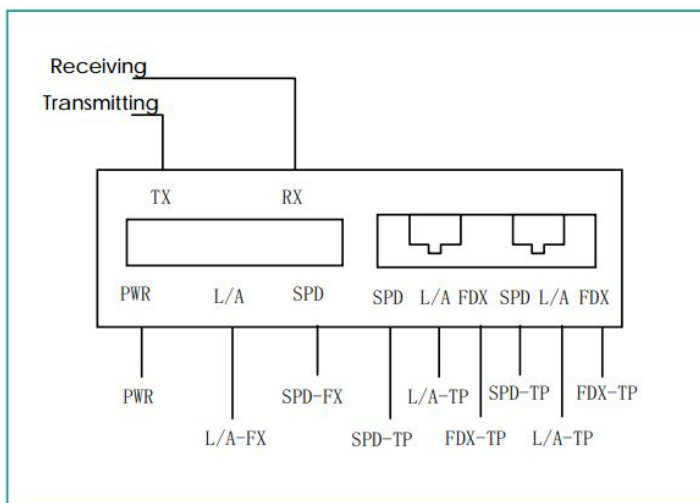


Specifications

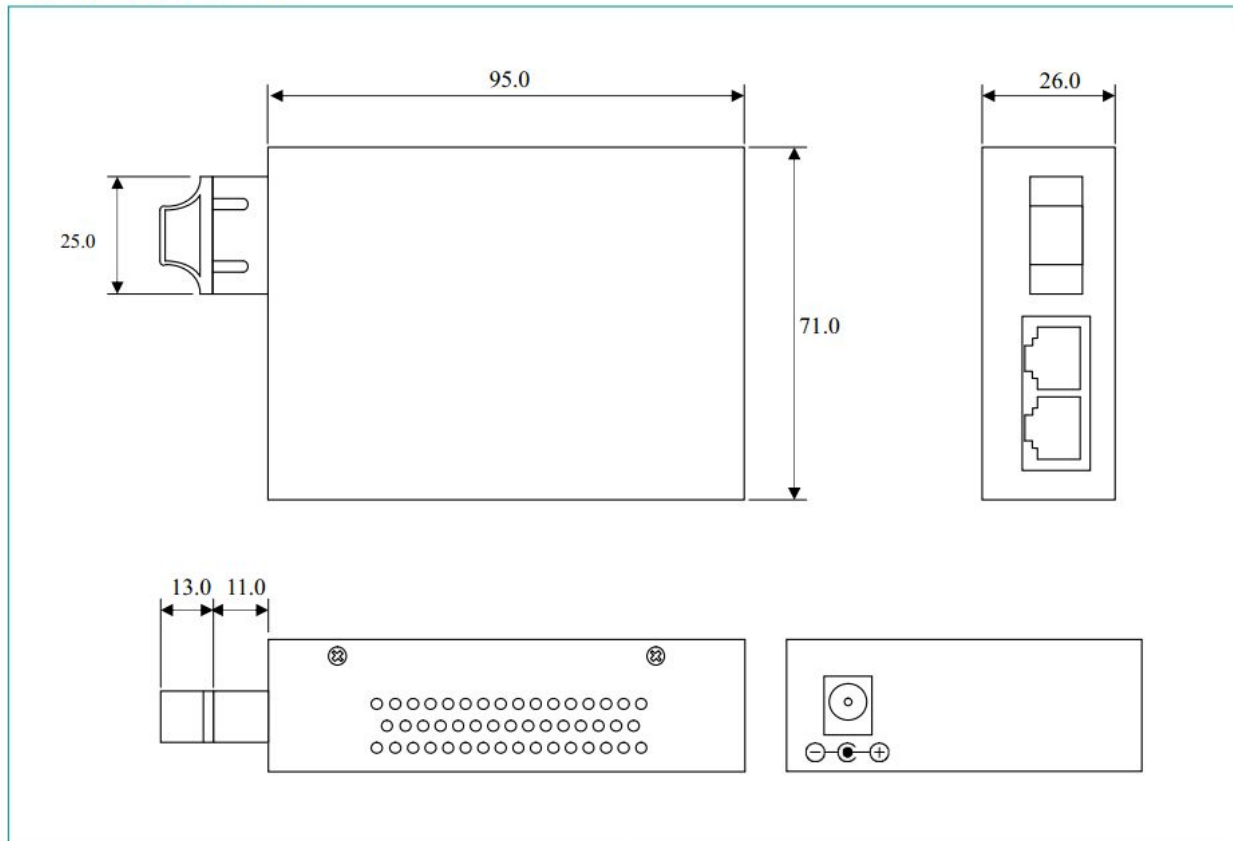
Serial Interface		
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x	
Data Rate	100 Mbps	
Operation Wavelength	1310 nm	
Fiber Interface	SC/PC Fiber Connector, 9/125um Single Mode Fiber SC/PC or ST/PC Fiber Connector, 50/125 or 62.5/125 Multi-Mode	
RJ45 Port	UTP-100-ohm Cat.5 cable	
Max Segment Length (UTP)	120 m	
Max Segment Length (Fiber)	NMC3301 (1310nm)	20 (SM Fiber)
Power Supply		
External Power Supply	AC 86~260V ,50~60Hz	
AC-DC Power Adaptor	+5V DC, 1A	
Weight	0.5Kg	
Environmental Limits		
Operating Temperature	-20 ~ 85°C	
Storage Temperature	-40 ~ 85°C	
Ambient Relative Humidity	5% to 90%(non-condensing)	
Dimensions	95mm(L)*71mm(W)*26mm(H)	
Standards and Certifications		
RoHS, CE, FCC		

Outline Drawing

Front Panel



LED	Color	Function
L/A-FX	Green	Lit when fiber connection is good Blink when fiber data is active
SPD-FX	Green	Blink when fiber data is active
L/A-TP	Green	Lit when TP connection is good, Blink when TP data is active
SPD-TP	Green	Lit,100Mbps; Non-light 10Mbps
FDX	Green	Lit when full-duplex mode is active
PWR	Green	Lit when +5V power is coming up

Dimension (mm)**Contact us**

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