10/100M Ethernet Media Converter

NMC330X Serial

Product Discription

The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x Standards. It is designed to convert data signal between 10/100 Base-Tx and 10/100 Base-Fx fast Ethernet. The data signal converted by such high performance media converter can be transmitted up to 120Km 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. Nine 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 10 units) and allowing all the converters to be powered by a single internal power supply.

Product Features

- MeetsIEEE802.3u 100BaseTX and 100BaseFX standards
- Plug-and-Play installation
- Auto-Negotiation for 10/100M TP port speed
- High quality and excellent reliability
- 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

Order Information

Table 1: Order Information

Type	Fiber Type	Wavelength(nm)	Fiber Length(Km)
NMC3301	SM	1310	20
NMC3302	SM	1310	40
NMC3303	SM	1310	60
NMC3304	SM	1550 DFB LD	100
NMC3305	MM	1310/850	2

Contact us now for more information:
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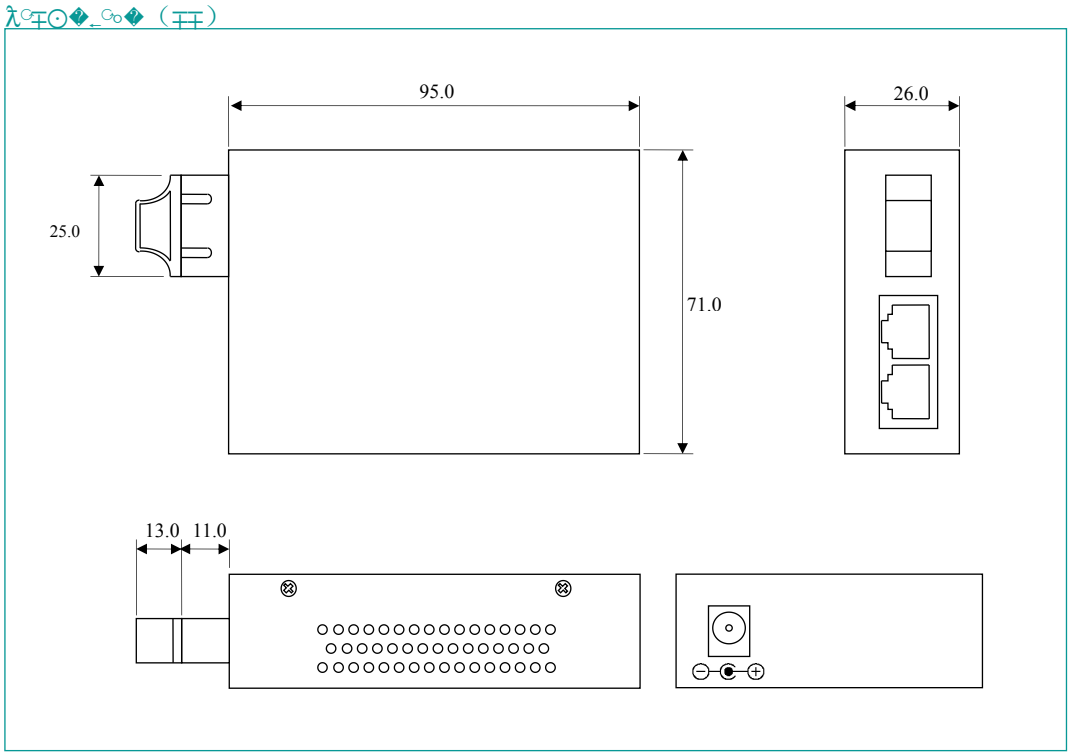
10/100BASE Ethernet Media Converter NMC330X

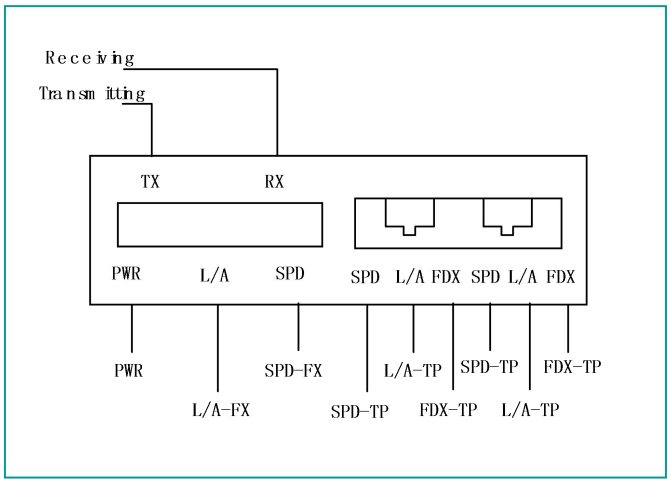
Specifications

Parameter	Min.	Typ.	Max.	Units
Standard	IEEE802.3 、IEEE802.3u 、IEEE802.3x			
Data Rate			100	Mbps
Operating Wavelength	1280 1480	1310 1550	1335 1580	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)	0		120	m
Max Segment Length (Fiber)				
NMC3301 (1310nm)		20 (SM Fiber)		Km
NMC3302 (1310nm)		40 (SM Fiber)		
NMC3303 (1310nm)		60 (SM Fiber)		
NMC3304 (1550nm)		100 (SM Fiber)		
NMC3305(1310nm/850nm)		2 (MM Fiber)		
External Power Supply	AC 86~260V 50~60Hz ；			
AC-DC Power Adaptor	+5V DC, 1A			
Operating Temperature	0 -20		70（Business Level） 85（Industry Level）	℃
Storage Temperature	-40		85	℃
Humidity	5%～90% (Non-condensing)			
EMI and Safety	CE，FCC Class A			
Dimensions	95 mm (L)*71 mm (W) *26 mm (H)			

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

Note: Specifications subject to change without notice.