

NMC-110 series is a kind of 10/100Mbps intelligent adaptive Fast Ethernet media converter. It can implement data transmission between twisted pair electrical signals and optical signals which are the two type of network connection media. This type of media converter can extend the transmission distance of a network from 100m over copper wires to 120 km in which there is no help of any other converter. It should be installed in 16 rack media converter chassis when used.



Features

- Comply with IEEE802.3, IEEE802.3u 10/100Base-TX, 100Base-FX
- Auto-Negotiation or manual mode setting of speed and duplex mode
- Power, network speed, network TX & RX status and optical TX & RX status LED indicators
- Dual fiber operation
- Distance up to 120Km with single-mode fiber and 2Km with multi-mode fiber
- Plug-and-Play

Specifications

Ethernet		Electrical & Mechanical	
Standard:	IEEE802.3, IEEE802.3u	Power:	5V DC, 2A, max.
Connector:	1 x RJ45 Connected to STP/UTP Cat-5 or above	Dimension (HxWxD):	95 x 70 x 26mm
MAC Table:	1K	Weight:	0.2kg
Distance:	Cat-5 UTP: 100m	LED Indicators:	Power, network speed, network Tx & Rx status and optical Tx & Rx status
Data rate:	Fiber: 100mbps TP: 10/100 mbps auto negotiation	Environmental	
Optical		Operating Temp:	-10°C to +55°C
Connector:	SC	Storage Temp:	-40°C to +70°C
Cabling:	Multi-mode: 50/125µm or 62.5/125µm Single-mode: 9/125µm	Humidity:	5% ~ 90% (non-condensing)
Distance:	Multimode: 2Km Single-mode: 20/40/60/80/100/120Km	MTBF:	> 100,000 hours
Wavelength:	1310/1550nm		