FIBER MEDIA CONVERTER 10/100 Mbps

DESCRIPTION

METACOM 10/100Mbps auto-negotiation Media Converter is the network communication device that realizing smooth network upgrade without any additional cost. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network. It completely conforms to 10Base-T, 100Base-TX,100Base-FX and IEEE 802.3xstandards, and can connect with Person Computer, SERVER, HUB and SWITCH. It can be set into full/half duplex auto-negotiation by manual, and it has two transmission mode: SM and MM, and its interface has many selectable optic fiber connectors and RJ-45 connector.

FEATURES

Complies with IEEE 802.3 10 Base-T standard.
Complies with IEEE 802.3u 10/100 Base-TX/FX standard
Complies with IEEE 802.3X standard
10/100/ Mbps port with full/half duplex auto-negotiation
Back pressure flow control for full duplex
Twisted-pair connector: NODE/HUB or SWITCH (5 class UTP)
Back pressure flow control for full/half duplex IEEE802.3X
Automatic identification of MDI/MDI-X cross-line
High-performance 155Mbps memory bandwidth
Complies with FCC, 15 CLASS A ， RoHS and CE MARK

TECHNICAL SPECIFICATION

Standard Protocol	IEEE802.3 10 Base-T standard	
	IEEE802.3u 10/100Base-TX/FX standard	
	IEEE 802.3d standard.	
	IEEE 802.3Q standard.	
Band Width	RJ45Port:10/100Mbps	Optical Port: 155Mbps
Operation Mode	Full /Half duplex mode	
Connectors	UTP: RJ-45	Fiber connector: SC/ST/FC
Operation Mode	Full /Half duplex mode	
LED Indicators	POWER, FPL,10/100, FRX, TRX , FDX.	
Power Supply	External	DC-48V,DC24V,DC12V,DC5V
	Internal	AC110-250V/50Hz
	Power Consumption	DC -32~-72V
Environmental Parameters	Work Temperature	≤5W
	Storage Temperature	0°C~50°C (32 °F ~ 122 °F)
	Humidity	-40°C~70°C (-40 °F ~ 158 °F)
TP Cable	Cat5 UTP cable (the max distance up to 100m)	
Fiber Cable	8. 3/125, 8. 7/125, 9/125, 10/125μm(the max distance up to 20 -120km)	
	50/125, 62. 5/125μm(the max distance up to 2km or 5km)	
MTBF (Hours)	>50000	
Dimensions(mm)	External power supply	94mm*70mm*25mm (3.7 *2.8*0.98 inch)
	Internal power supply	140mm*110mm*30mm (5.5 *4.3 *1.2 inch)
	Socket Card	157mm*128mm*31mm (6.2 *5.1 *1.2 inch)
Gross Weight	External power supply	0.4 kg
	Internal power supply	0.8kg
	Socket Card	1.0KG
Emission/Safety	FCC Part 15 , Class A, RoHS and CE Mark	

APPLICATION

FTTX
Telecommunication Networks
LAN

ORDERING INFORMATION

PART NUM	DESCRIPTION
MCMC-N-S-OS2-I-20	10/100-MEDIA CONVERTER-SM-SC-20KM-INTERNAL POWER-UK
MCMC-N-S-MM-I-20	10/100-MEDIA CONVERTER-MM-SC-2KM-INTERNAL POWER-UK