Standard Media Converter, ORDERING INFORMATION

(Y)(A)(BB)(CC)(D)

*** Option for Power Over Ethernet, Add "P" in front of part number, leave blank if not needed**

Y - Select Transmission Speed

C	10/100
M	10/100/1000

(A) Select FIber Type

Y	Single-Mode
F	Multimode

(BB) Select Connector Type

31	SFP (LC)
61	SC
67	ST
70	SFP (empty slot)

(CC) Select Operating Wavelength

85	850 (Multimode)
13	1300 (Multimode)
10	1310 (Singlemode/ Multimode)
15	1550 (Singlemode)

(D) Select Distance

5	550M Multimode
2	2km Multimode
1	10km Single-Mode
T	25km Single-Mode
4	40km Single-Mode
F	50km Single-Mode
8	80km Single-Mode

105 Triple Diamond Blvd. Suite 101
Venice, Florida 34275
Phone: 941-244-0935 | Email: info@dmsimfg.com

10/100 Media Converter

10/100Mbps auto-negotiation Media Converter is the network communication device that realize 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 802.3x standards, and can connect with Personal Computer, SERVER, HUB, and SWITCH. It can be set into full/half duplex auto-negotiation by manual; it has two transmission mode: SM and MM, and its interface has many selectable optic fiber connectors and RJ-45 connector.

COMPLIANCES

- IEEE 802.3 10 Base-T standard.
- IEEE 802.3u 10/100 Base-TX/FX standard
- IEEE 802.3X standard

MAIN FEATURES

- 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

APPLICATION

- 10M extended enterprise network bandwidth to 100M
- Images, voice and other multimedia data on an integrated transport network point
- Computer signal transmission in need of the occasion widely used for computer data transmission network to meet a variety of business needs
- Campus broadband network, broadcasting network and intelligent residential broadband fiber-to-floor fiber to the home data transfer with the switches and other computer network equipment can be combined to form:-chain, star, ring-type network and other computer networks

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TECHNICAL SPECIFICATIONS

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	RJ 45 Port: 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
		DC -32~-72V
	Power Consumption	≤5W
Environmental Parameters	Work Temperature	0°C~50°C (32 °F ~ 122°F)
	Storage Temperature	-40°C~70°C (-40 °F ~ 158°F)
	Humidity	5%~90% non-condensing
TP Cable	Cat5 UTP cable (the maxdistance 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	

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