

Mini Media Converter



Mini media converters provide the same copper to fiber connections as standard sized converters, but in a small and discreet package. They can be used in place of the larger unit, where space and weight are a factor, or simply for preferences purposes of a tiny unit. Available with SC or LC (SFP loaded or empty) fiber connectors and one RJ45 port.

FEATURES

- Auto negotiation function allows UTP ports to auto select 10/100/1000M and Full Duplex or Half Duplex.
- The UTP port supports the connection of MDI/MDI-X auto crossover.
- Multimode Fiber: the max distance up to 224m/ 550m
- Singlemode Fiber: the max distance up to 100km
- Supporting the max 9000 byte Ethernet packet
- Supporting flow control
- Adopting internal power supply

Mini Media Converter, ORDERING INFORMATION

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

MN - Mini Media

Y - Select Transmission Speed

C	10/100
M	10/100/1000

(A) Select Fiber Type

F	Multimode
Y	Single-mode

(BB) Select Connector Type

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

(CC) Select Operating Wavelength

85	850nm (Multimode)
13	1300nm (Multimode)
10	1310nm (Single-mode/ Multimode)
15	1550nm (Single-mode)

(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

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Technical Specifications

Standard Protocol	IEEE802.3z/AB		10/100/1000Base-T		100/1000Base-SX/LX/HX
Operation Mode	Full/Half duplex mode				
Connectors	UTP: RJ-45,10/100/1000Mbps			Fiber connector: LC/SC,100/1000Mbps	
MAC Address Table	4K				
Data Buffer	256K				
Power Supply	AC 220V(170-260V) 50Hz			DC 5~12V	
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				
Cable	UTP cable, Cat 5e or Cat 6 (the max distance up to 100m) Single-mode, 8.3/125, 8.7/125, 9/125µm (the max distance up to 100km) Multimode, 50/125, 62.5/125µm (the max distance up to 550/224m)				
Dimensions (mm)	External Power	24mm (high) x 50mm (width) x 69mm (length)			
Warranty	Lifetime				
Mean Time Between Failure	114,000 hours				
TAA Compliant	Yes				

DIP Switch Communication Settings

Switch 1	ON	Enable Link Fault Pass-Through
	OFF	Disable Link Fault Pass-Through
Switch 2	ON	Cut-Through(9K)
	OFF	Store and Forward
Switch 3	ON	Flow control enable
	OFF	Flow control disable
Switch 4	ON	FX Speed 100Mbps
	OFF	FX Speed 1000Mbps