

# Media Converter

Model SA-6301-0001



**NAME**  
**Media Converter**

**ORDER NUMBER**  
**SA-6301-0001**

1000Mbps Gigabit optical Ethernet long-distance transmitting network



## BENEFITS

- Conversion between 10/100/1000Base TX and SFP Based 1000Base SX/LX/ZX
- MDI/MDI-X auto negotiation, 10/100/1000 auto negotiation
- Full/half duplex, Point-to-point transparent transfer with one SFP slot
- Plug-and-play, easy to installation
- Can insert to 2U 19" 14 slots Rackmount
- Link Fault Pass Through (LFP) function

## Supports:

- IEEE 802.3
- IEEE 802.3i 10 BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3x 1000BASE-TX

Parameter	Specifications
Wavelength	SFP Based/Supports SFP
Distance	Category-5 twisted pair: 100m Fiber: multimode 50/125,62.5/125µm (the max distance up to(220m or 550m) Fiber: Singlemode 8/125,8.7/125,9/125,10/125µm (the max distance up to 20 ~80km), CWDM, DWDM options
Port	One RJ45 port: For connecting STP/UTP category-5 twisted pairs One optical port. SFP LC Connector

Parameter	Specifications
Conversion means	Media conversion
MAC Address table	8K
Buffer space	512kbit
Flow control	Full duplex: flow control; Half duplex: back pressure
Delay	Store-and-forward: 9.6 $\mu$ s; cut-through: 0.9 $\mu$ s
BER	<19-9
MTBF	100,000 hours
Power supply	DC5V 1A/ 2A (external)
Power Consumption	5W
Operating Temperature	-20~75 $^{\circ}$ C
Maintaining Temperature	-40~85 $^{\circ}$ C
Dimensions L x W x H	External power supply: 3.74" x 2.75" x .98" 95mm x 70mm x 25mm