



**ATOP TECHNOLOGY CO., LTD**

PROFESSIONAL NETWORK & FIBER OPTICAL EQUIPMENT MANUFACTURER

<http://www.atoptechnology.com>



## AF100 Serials Fast Ethernet Converter



**ATOP PROMISE**  
Life time warranty & 3 years  
free replacement.

Technical Hotline  
+86-755-83461686-800



## Main features:

- Complies with IEEE 802.3UI 10/100 Base-T standard.
- Complies with IEEE 802.3u 10/100 Base-TX/FX standards.
- Max. 2M buffer memory built in chip.
- Back pressure flow control for full/half duplex IEEE802.3X.
- Automatic identification of MDI/MDI-X cross-line.
- High-performance 1.4Gbps memory bandwidth.
- Complies with FCC, 15 CLASS A and CE MARK.



## Technical parameters:

- Standard Protocol IEEE802.3UI 10/100 Base-T standard
- IEEE 802.3u 10/100Base-TX/FX standard
- Connectors UTP RJ-45, SC/ST Fiber connector
- Operation mode Full /Half duplex mode
- Power supply External 5V DC 1A
- Internal 110-265VAC 48VDC
- Temperature 0°C - 60°C
- Humidity 5% - 90%
- TP cable Cat5 UTP cable
- Fiber Multi-mode: 50/125, 62.5/125 or 100/140  $\mu$  m
- Single-mode: 8.3/125, 8.7/125, 9/125 or 10/125  $\mu$  m
- Dimensions External power supply: 26x71x94 (mm)
- Internal power supply: 40x110x140 (mm)

Professional

Service

Quality

Honesty

2008





## Fiber transmission features:

Product Model	Optical Wavelength	Optical power	Sensibility
AF100-2	850 nm	-12- -15 dbm	Less than -20 dbm
AF100-20	1310 nm	-3- -8dbm	Less than -22 dbm
AF100-40	1310 nm	0- -5 dbm	Less than -24 dbm
AF100-60	1310 nm	0- -3 dbm	Less than -25 dbm
AF100-80	1550DFB	0- -1 dbm	Less than -25 dbm
AFS100-20	1310/1550nm	0- -1 dbm	Less than -25 dbm
AFS100-40	1310/1550nm	0- -1 dbm	Less than -25 dbm
AFS100-60	1310/1550nm	0- -1 dbm	Less than -25 dbm

## Order information:

Product Model	Description	Power supply	Packing	Gross Weight
AF100-M	100M multimode dual fiber 2km	150VAC ~ 275VAC input US/UK/EU standard	Paper carton 34x30x60C M 34x30x30C M	0.55kg each (with adapter and container)
AF100-20	100M single mode dual fiber 20km			
AF100-40	100M single mode dual fiber 40km			
AF100-60	100M single mode dual fiber 60km			
AF100-80	100M single mode dual fiber 80km			
AFS100-20	100M WDM 20km			
AFS100-40	100M WDM 40km			
AFS100-60	100M WDM 60km			

