

TURNKEY FIBRE SOLUTIONS

Your partner for all your cabling and networking requirements

AF100 Serials Fast Ethernet Converter



Turnkey Fibre Solutions Ltd

Tel: 0845 2000 718
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www.turnkeyfibre.com



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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 μ m
Single-mode: 8.3/125, 8.7/125, 9/125 or 10/125 μ m
Dimensions External power supply: 26x71x94 (mm)
Internal power supply: 40x110x140 (mm)

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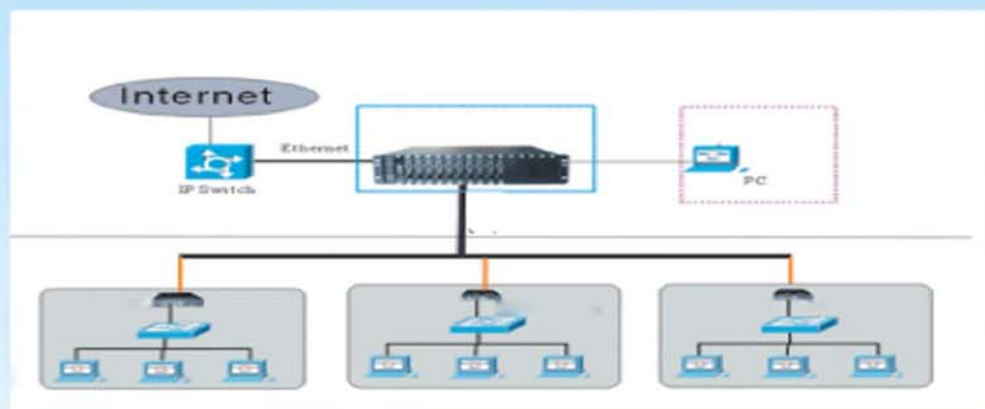
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Fiber transmission features:

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			



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