



# KFC-200 Ver.B



Powered via optional USB cable



## 10/100Base-TX to 100Base-FX Media Converters

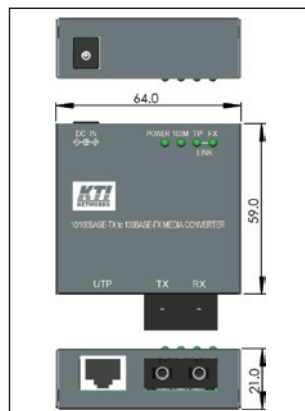
### Product Highlights:

- Compact
- Plug and play
- Auto-negotiation 10/100Mbps
- Auto-crossover
- Fiber Far End Fault

### Ordering Information:

Model	Fiber Mode	Connector	Ref. Distance
-T	MM	Duplex ST	2km
-C	MM	Duplex SC	2km
-SL3	SM	Duplex SC	30km
-W3520	SM	Bi-Di SC	20km
-W5320	SM	Bi-Di SC	20km

MM: Multimode Fiber  
SM: Single Mode Fiber



### Key Features:

- Support full wire speed conversion for 10/100Mbps speed and media types
- Support auto-negotiation 10/100Mbps on the copper port
- Auto MDI/MDI-X crossover function on the copper port
- Support IEEE 802.3x flow control
- Transparent conversion to 802.1Q VLAN tagged packets
- Provides Far End Fault function on FX (fiber) port
- Low power consumption
- Supports DIN rail mounting and wall mounting

### Specifications:

TP Port	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX Shielded RJ-45 jacks with Auto MDI/MDI-X detection Auto-negotiation for speed and duplex auto detection Speed for 10Mbps or 100Mbps, Full-duplex or half-duplex support
FX Port	IEEE 802.3u 100BASE-FX compliant Forced 100Mbps, Full duplex Far end fault Function
Cables	10/100BASE-TX: Cat.5, 5e or higher UTP cable, 100BASE-FX: MMF - 62.5/125µm, 50/125µm, SMF - 9 /125µm
LEDs	Power status, TP speed, TP Link/Activity, FX Link/Activity
Packet Size	Up to 1536 bytes
Environment	Operating Temperature: 0°C ~ 50°C Storage Temperature: -30°C ~ 80°C Relative Humidity: 5% ~ 95% non-condensing
Dimension	64 x 21 x 59 mm (WxDxH)
Mounting Support	Desktop, Wall mounting, Optional: DIN-Rail, Panel
Power Input	+5VDC via external power adapter
Power Consumption	1.53W max. @+5V
Approval	FCC Class B, CE mark Class B

### Optical Specifications:

Model	Connector	Fiber	Wavelength	Tx Power	Rx Sens.	Rx Max.
-T	Duplex ST	MMF	1310nm	-20 ~ -14dBm	-32dBm	-8dBm
-C	Duplex SC	MMF	1310nm	-20 ~ -14dBm	-31dBm	0dBm
-SL3	Duplex SC	SMF	1310nm	-15 ~ -8dBm	-34dBm	0dBm
-W3520	Bi-Di SC	SMF	TX 1310nm RX 1550nm	-14 ~ -8dBm	-31dBm	0dBm
-W5320	Bi-Di SC	SMF	TX 1550nm RX 1310nm	-14 ~ -8dBm	-31dBm	0dBm

MMF: Multimode fiber - 62.5/125 µm, 50/125 µm  
SMF: Single Mode fiber - 9 /125 µm



**Katron Technologies Inc.**  
15F-7, No. 79, Sec. 1, Hsin Tai Wu Rd.,  
Hsi-chih District, New Taipei City, Taiwan  
Tel: 886-2-2698-3878  
Fax: 886-2-2698-3873  
E-mail: kti@ktinet.com.tw  
URL: http://www.ktinet.com.tw

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