



# KC-200TF Series



## 100Base-TX to 100Base-FX Media Converter

The KC-200TF Fast Ethernet media converter series is designed to convert 100Base-TX signal to/from 100Base-FX signal. It is used to extend the connection distance between two Fast Ethernet twisted-pair devices via fiber cable transparently with no performance degradation. The series supports a variety of fiber optic connectors includes duplex ST and SC. The KC-200TF is an ideal solution to connect networks on different floors, separate buildings and to extend distances between servers and workgroups up to a maximum of 50 kilometers in a full duplex networking environment.

### Key Features:

- Complies with 802.3u 100base-TX and 100Base-FX standards
- Provides media conversion for TP and Fiber Optic media types
- Extends network span from 2 km (multimode fiber) up to 50 km (single mode)
- Auto-negotiation on 100Base-TX TP port
- Provides a push button to set the crossover function for the TP port
- Interoperable with other 100Base-TX/FX NICs, hubs or switches
- Provides LEDs for easy network monitoring
- Supports a variety of fiber optic connectors including multimode and single mode duplex ST, SC connectors.

### Specifications:

Standard	IEEE 802.3u Fast Ethernet 100Base-TX and 100Base-FX	
Fiber Port	MM <sup>*1</sup> ST, MM SC, SM SC	
Fiber Cables	MM 1300nm 62.5/125µm fiber cable (max. distance: 2km) SM <sup>*2</sup> 1300nm 9/125µm fiber cable (max. distance: 15, 30, or 50km)	
TP Port Cable	Shielded RJ45 jack Cat. 5 UTP cable (100m max.)	
LEDs	- Power status - Link and receive status for TP port - Link and receive status for fiber port	
Environment	Temperature: 0° to 40° C Relative Humidity: 10% to 90% non-condensing	
Dimension	101mm x 96mm x 25mm (3.98 x 3.78 x 0.98 inch)	
Power	+12VDC, 800mA min.	

\*1: Multimode Fiber  
\*2: Single Mode Fiber

### Ordering Information

Model	Fiber Mode	Connector	Max. Distance
KC-200TFT	MM <sup>*1</sup>	ST	2Km
KC-200TFC	MM	SC	2Km
KC-200TFSA	SM <sup>*2</sup>	SC	15Km
KC-200TFS3	SM	SC	30Km
KC-200TFS5	SM	SC	50Km
KC-200TFJM	MM	MT-RJ	2Km
KC-200TFJS	SM	MT-RJ	15Km
KC-200TFVM	MM	VF-45	2Km



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