



KC-200TF Series



100Base-TX to 100Base-FX Media Converters

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, SC, MT-RJ, and VF-45. The KC-200TF is an ideal solution to connect networks on different floors, separate buildings and to extend distance between servers and workgroups up to a maximum of 50 kilometers in a full duplex networking environment.

Key Features:

- € Comply with 802.3u 100base-TX and 100Base-FX standards
- Provide media conversion for TP and Fiber Optic media types
- Extend network span from 2km (multimode fiber) up to 50km (single mode)
- Auto-negotiation on 100Base-TX TP port
- Provide a push button to set the crossover function for the TP port
- Interoperable with other 100Base-TX/FX NICs, hubs or switches
- Provide LEDs for easy network monitoring
- Support a variety of fiber optic connectors including multimode and single mode duplex ST, SC, MT-RJ and multimode VF-45 connectors

Specifications:

Standard	IEEE 802.3u Fast Ethernet 100Base-TX and 100Base-FX
Fiber Port Fiber Cable	MM ^{*1} ST, MM SC, SM SC, MM MT-RJ, SM MT-RJ, or MM VF-45 MM 1300nm 62.5/125µm fiber cable (max. distance: 2km) SM ^{*2} 1300nm 9/125µm fiber cable (max. distance: 15, 30, or 50km)
TP Port Cable	Shielded RJ-45 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	101 x 96 x 25mm (3.98 x 3.78 x 0.98inch)
Power	+12VDC, 800mA min.

Ordering Information

Model	Fiber Mode	Connector	Max. Distance
KC-200TFT	MM ^{*1}	ST	2Km
KC-200TFC	MM	SC	2Km
KC-200TFSA	SM ^{*2}	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

*1: Multimode Fiber
*2: Single Mode Fiber

