



KC-210TF Series



1000Base-T to 1000Base-SX/LX Media Converters

Ordering Information:

Model KC-210TF	Fiber Mode	Connector	Max. Distance
-SXC	MM	SC	220m or 500m
-LXC	SM	SC	10km
-SXC-O	MM	SC	300m or 500m
-LXC-O	SM	SC	10km
-LXC30-O	SM	SC	30km
-LXC40	SM	SC	50km
-LXC80	SM	SC	80km

MM: Multimode Fiber
SM: Single Mode Fiber

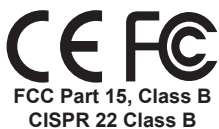
The KC-210TF Gigabit Ethernet media converter series is designed to convert 1000Base-T signal to/from 1000Base-SX/LX signal. It is used to extend the connection distance between two Copper Gigabit Ethernet devices via fiber cable transparently with no performance degradation. The series supports a variety of fiber optic connectors, including duplex multimode and single mode. The KC-210TF series 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 (utilizing single mode 1000Base-LX fiber) in a full-duplex networking environment.

Key Features:

- Complies with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX, 1000Base-LX standards
- Provides media conversion for TP and Fiber Optic media types
- Extend network span from 220m or 500m (multimode fiber) up to 50km (single mode fiber)
- Duplex type auto-negotiation on 1000Base-T TP port
- TP port supports auto-crossover function for easy uplink
- Interoperable with other 1000Base-T/SX/LX NICs or Gigabit Ethernet switches
- Provides LEDs for easy network monitoring
- Supports a variety of fiber optic connectors, including multimode and single mode

Specifications:

Standards	IEEE 802.3ab Gigabit Ethernet 1000Base-T and 802.3z 1000Base-SX, LX
Fiber Port	MM SC, SM SC
Fiber Cable	MM 850nm 62.5/125µm cable MM 850nm 50/125µm cable SM 1300nm 9/125µm cable SM 1550nm 9/125µm cable
TP port	Shielded RJ-45 jack
Cable	Cat. 5 UTP cable (100m max.)
LEDs	- Power status, Full-Duplex/Collision - Link, Tx and Rx status for TP port - Link status for fiber port
Environment	Operation Temperature: 0°C ~ 40°C Relative Humidity: 10% ~ 90% non-condensing
Dimension	101 x 96 x 25 mm
Power	+5VDC, 0.8A, 4 watts max.



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