



KC-220FF Series



100Base-FX Multimode to Single Mode Media Converters

Ordering Information:

Model: KC-220FF	MM Port	SM Port	Ref. Distance
-TSL2	ST	SC	20km
-CSL2	SC	SC	20km
-JSL2	MT-RJ	SC	20km
-TSL6	ST	SC	60km
-CSL6	SC	SC	60km

MM: Multimode Fiber
SM: Single Mode Fiber

The KC-220FF 100Base-FX Multimode-Single Mode Media Converter Series is designed to provide transparent media conversion between multimode fiber media and single mode fiber media. It can be used to extend the connection distance between two fiber optic devices by converting the mode type of the fiber media with no performance degradation. The KC-220FF 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 in a full-duplex networking environment.

Key Features:

- Complies with IEEE 802.3u 100Base-FX standard
- Provides media conversion between single mode and multimode fiber optic media types
- Extend network span from 2km (multimode fiber) up to 50km (single mode fiber)
- Interoperable with other 100Base-FX fiber optic NICs, hubs or switches
- Provides LEDs for easy network monitoring

Specifications:

Standard	IEEE 802.3u Fast Ethernet 100Base-FX
Fiber Port	Multimode Fiber port: ST, SC, or MT-RJ connector Single Mode Fiber port: SC
Fiber cable	Multimode: 1300nm 62.5/125µm fiber cable (max. distance: 2km) Single Mode: 1300nm 9/125µm fiber cable (distance range: 20km to 50km)
LEDs	- Power status - Link status for MM fiber port - Link status for SM fiber port
Environment	Operation Temperature: 0°C ~ 40°C Relative Humidity: 10% ~ 90% non-condensing
Dimensions	101 x 96 x 25mm (WxDxH)
Power	+12VDC, 800mA
Power Consumption	7.9 watts. (max.)



FCC Part 15, Class B
CISPR 22 Class B

Katron Technologies Inc.

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

KTI Networks Inc.

7400 Harwin Dr., Suite 120 Houston, Texas
77036 U.S.A.
Tel: 713-266-3891
Fax: 713-914-0555
E-mail: kti@ktinet.com
URL: http://www.ktinet.com

Trademarks: All brand names are trademarks or registered trademarks of their respective holders.
This information is subject to change without prior notice.