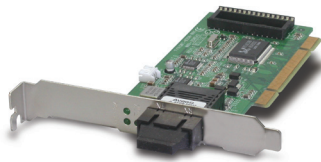




# KF-221FX Ver.C



## 100Base-FX Fast Ethernet PCI Adapter



### Key Features:

- PCI revision 2.1 and 2.2 compliance
- 32-bit PCI half-card supports standard PCI
- Supports 100Base-FX fiber connection
- Complies with IEEE 802.3u 100Base-FX standard
- Supports diversified fiber connectors
- Far End Fault support on the 100Base-FX port
- Wake-On-LAN (WOL) function for ACPI-compliant systems
- Supports plug-and-play installation for Windows XP/2000/ME/2003 systems
- Supports network drivers for most popular operating systems
- Optional PXE/RPL Boot ROM for network operating systems

### Ordering Informations:

Model	Fiber Mode	Connector	Ref. Distance
KF-221FX-T	MM	Dual ST	2km
KF-221FX-C	MM	Dual SC	2km
KF-221FX-JM	MM	MT-RJ	2km
KF-221FX-VM	MM	VF-45	2km
KF-221FX-SA2	SM	Dual SC	20km
KF-221FX-SL2	SM	Dual SC	20km
KF-221FX-SL3	SM	Dual SC	30km
KF-221FX-SL4	SM	Dual SC	40km
KF-221FX-SL6	SM	Dual SC	60km
KF-221FX-SL8	SM	Dual SC	80km
KF-221FX-SL10	SM	Dual SC	100km
KF-221FX-SL12	SM	Dual SC	120km
KF-221FX-W3520	SM	Bi-Di SC	20km
KF-221FX-W5320	SM	Bi-Di SC	20km
KF-221FX-W3540	SM	Bi-Di SC	40km
KF-221FX-W5340	SM	Bi-Di SC	40km

MM: Multimode Fiber  
SM: Single Mode Fiber  
Ref. Distance: Reference connection distance



FCC Part 15, Class B  
CISPR 22 Class B

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### Specifications:

Fiber Connectors	MM: ST, SC, MT-RJ, VF-45, LC & SM: SC
LEDs	100M Link, Act, Duplex
ACPI std.	Rev.1.1
PCI Power Management	Rev.1.1
DMI	Ver.2.0
PXE/RPL	PXE Ver.2.1
Environment	Operation Temperature: 0°C ~ 40°C Relative Humidity: 10% ~ 90% non-condensing
Dimension	130 x 65 mm

### Fiber Optical Specifications:

Model	Connector	Fiber* <sup>1</sup>	Wavelength	Tx Power* <sup>2</sup>	Rx Sens.	Rx Max.
-T	ST Duplex	MMF	1310nm	-20 ~ -14dBm	-32dBm	-8dBm
-C	SC Duplex	MMF	1310nm	-20 ~ -14dBm	-31dBm	0dBm
-JM	MT-RJ	MMF	1310nm	-19 ~ -14dBm	-31dBm	-14dBm
-VM	VF-45	MMF	1310nm	-20 ~ -14dBm	-31dBm	-14dBm
-SA2	SC Duplex	SMF	1310nm	-15 ~ -8dBm	-31dBm	-7dBm
-SL2	SC Duplex	SMF	1310nm	-15 ~ -7dBm	-32dBm	-3dBm
-SL3	SC Duplex	SMF	1310nm	-15 ~ -8dBm	-34dBm	0dBm
-SL4	SC Duplex	SMF	1310nm	-5 ~ 0dBm	-34dBm	-3dBm
-SL6	SC Duplex	SMF	1310nm	-5 ~ 0dBm	-35dBm	0dBm
-SL8	SC Duplex	SMF	1310nm	0 ~ +5dBm	-36dBm	0dBm
-SL10	SC Duplex	SMF	1550nm	0 ~ -5dBm	-35dBm	0dBm
-SL12	SC Duplex	SMF	1550nm	0 ~ +5dBm	-35dBm	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
-W3540	Bi-Di SC	SMF	TX 1310nm RX 1550nm	-8 ~ 0dBm	-34dBm	0dBm
-W5340	Bi-Di SC	SMF	TX 1550nm RX 1310nm	-8 ~ 0dBm	-34dBm	0dBm

\*1 MMF: Multimode fiber - 62.5/125 μm, 50/125 μm, SMF: Single Mode fiber - 9 /125 μm

\*2 Data for 62.5/125μm MMF, 9 /125μm SMF