



KS-115F Series



5-Port 10/100 Switch with Fiber Connection

Key Features:

- Complies with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX, 100Base-FX standards
- Provides 4 10/100Mbps switched ports and 1 100Base-FX switched port
- Each TP port supports both 10/100Mbps auto-negotiation and auto-sensing
- Supports duplex type selector for setting the fiber port to either full or half duplex
- Full/half duplex operation for each port
- Supports 1K MAC addresses and automatic MAC address learning and aging
- Store-and-forward architecture
- Non-blocking switching fabric
- Supports full-duplex flow control (IEEE 802.3x)
- Back-pressure flow control in half-duplex mode
- Compact metal chassis design

Specifications:

Fiber Port	MM ^{*1} ST, MM SC, SM SC, MM MT-RJ, or SM MT-RJ Connectors		
Fiber Media	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	Shielded RJ45 jack		
Cables	10Base-T	Cat. 3, 4, 5 UTP cable (100m max.)	
	100Base-TX	Cat. 5 UTP cable (100m max.)	
Filtering address	Unicast/ Multicast/ Broadcast address: 1K MAC addresses per unit		
Filtering rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet		
Forwarding rate	14,880 pps for Ethernet, 148,800 pps for Fast Ethernet		
RAM Buffers	128KB		
LEDs	- Power status - 10/100, Link/Activity, Duplex/Collision status for each TP port - Link/Activity, Duplex/Collision status for fiber port		
Environment	Temperature:	0° to 40° C	
	Relative Humidity:	10% to 90% non-condensing	
Dimension	144mm x 100mm x 26mm (5.67 x 3.94 x 1.02 inch)		
Power	+5VDC, 2500mA		

*1: Multimode Fiber

*2: Single Mode Fiber

Ordering Information

Model	Fiber Mode	Connector	Max. Distance
KS-115FT	MM ^{*1}	ST	2Km
KS-115FC	MM	SC	2Km
KS-115FSA	SM ^{*2}	SC	15Km
KS-115FS3	SM	SC	30Km
KS-115FS5	SM	SC	50Km
KS-115FJM	MM	MT-RJ	2Km
KS-115FJS	SM	MT-RJ	15Km
KS-115FVM	MM	VF-45	2Km



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