



KS-118F



8-Port 10/100 Switch with 1 Fiber Connection

Key Features:

- Complies with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX, 100Base-FX standards
- Provides 7 10/100Mbps switched ports and 1 100Base-TX switched port
- Each TP port supports both 10/100Mbps auto-negotiation and auto-sensing
- Supports duplex operation for each port
- 8K MAC addresses and automatic MAC address learning and aging
- Store-and-forward architecture with non-blocking switching fabric
- Broadcast storm protection
- Supports full-duplex flow control (IEEE 802.3x)
- Back-pressure flow control in half-duplex mode
- Compact metal chassis design

Specifications:

Fiber Port	Multimode Duplex SC connector
Fiber Media	Multimode 1300nm 62.5/125µm fiber cable (max. distance: 2km)
TP Port	Shielded RJ-45 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: 8K 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 Buffer	256KB
LEDs	- Power status - 10/100, Link/Activity, Collision/Full Duplex status for each port
Environment	Operating temperature: 0° to 40° C Relative humidity: 10% to 90% non-condensing
Dimension	171 x 98 x 29mm (6.73 x 3.86 x 1.14inch)
Power	+5VDC, 2.4A

Ordering Information

Model	Fiber Mode	Connector	Max. Distance
KS-118FT	MM ¹	ST	2Km
KS-118FC	MM	SC	2Km
KS-118FSA	SM ²	SC	20Km
KS-118FS3	SM	SC	30Km
KS-118FS5	SM	SC	50Km

*1: Multimode Fiber
*2: Singlemode Fiber



**FCC Part 15, Class A
CISPR 22 Class A**

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