



**4 Port UTP/RJ45 to 2 Port SFP Transceiver Slot Fibre Optic Ethernet Switch**

KSM's 4 Port 10/100/1000Mbps Fibre Optic Fast Ethernet Fibre Switch. The unit is capable of connecting 4 ports 10/100/1000BaseTX to 2 ports 1000BaseFX Shortwave (SX) at 850nm and Longwave (LX) 1310nm and 1550nm wavelengths up to 160KM. The Fibre ports will also accommodate Bi-direction fibre SFP modules up to 40KM. This is a Standalone unit and comes with a 5V DC device with external 240V AC power supply.

The device has a single 1000Mbps fibre port, Cat5e/Cat6 Compatible UTP 10/100/1000 port. Available in both Full Duplex Mode across a dual fibre link or BIDI Bi Directional across a single fibre.

Connector Types Available LC Duplex & LC Simplex, Multimode 850nm & 1310nm Shortwave to 550Mtrs and Single Mode Long wave 1310nm to 20km/40Km & 1550nm to 160KM.

The device is suitable for fibre cable types (62.5/125um & 50/125um multimode and 8.3/125um single mode) The Ethernet UTP 10/100/1000 port is compatible with Cat5e/Cat6 /Cat6A cable up to 100Mtrs.

Available in Full Duplex Mode across a dual fibre link or BIDI Bi Directional across a single fibre. These units can be used in a "Daisy Chain" configuration to operate between floors of buildings or to construct a fibre loop network.

Number of Fibre Port Slots	2 Port
Connector Types Available	LC Duplex
Multimode 850nm,1310nm 62.5, 50/125micron	0-550Mtrs
Single Mode 1310nm 8.3/125micron	0-20KM, 0-40KM
Single Mode 1550nm 8.3125micron	0-60, 0-80, 0-100, 0-120, 0-160KM
LC Simplex Bi-Directional	
Number of Ethernet/UTP Ports	4 Port
Multimode 1310nm/1550nm	0-550Mtrs
Single Mode 1310nm/1550nm	0-20KM, 0-40KM
Ethernet Port RJ-45	Cat5e/Cat6 up to 100Mtrs
Direct 5V 2A DC Input	External Power Adapter 240VAC
Operating Temperature	0 to 70 Degrees
Dimensions	36mm x 94mm x 94mm
MAC Address	1K
Frame Buffer Memory	512KB RAM
Bandwidth	12G (Non Blocking)

**Industry Standard Compliance:**

IEEE802.3z/AB, 10/100/1000Base-T and 1000Base-SX/LX FCC, 15 CLASS B, CE  
 EMI EN55022: 2010, EMS: 55024: 2010 (EN61000-4-2:2009), EN6100-4-3: 2006+A1:2008,  
 C TICK Approval N12565

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