



## Fibre Optic Ethernet Media Converter with LC SFP Transceiver

KSM's 10/100/1000Mbps Fibre Optic Fast Ethernet media converter, connects 10/100/1000BaseTX to 1000BaseFX Shortwave (SX) at 850nm and Longwave (LX) 1310nm and 1550nm wavelengths. This is both Standalone unit with 5V DC device with external 240V AC power supply or can be mounted in a rack mount chassis with independent dual 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 & Simplex, Multimode 850nm & 1310nm Shortwave to 550Mtrs and Single Mode Long wave 1310nm to 20km/40Km & 1550nm to 160KM.

The device has a single Duplex Fibre (62.5/125 & 50/125) 1000Mbps port and a Cat5e/Cat6 Compatible UTP 10/100/1000 port. Available in Full Duplex Mode across a dual fibre link or BIDI Bi Directional across a single fibre.

### Connector Types Available

Multimode 850nm,1310nm 62.5, 50/125micron

Single Mode 1310nm 8.3/125micron

Single Mode 1550nm 8.3125micron

### LC Duplex

0-550Mtrs

0-20KM, 0-40KM

0-60, 0-80, 0-100, 0-120, 0-160KM

### LC Simplex Bi-Directional

0-550Mtrs

0-20KM, 0-40KM

Up to 100Mtrs

External Power 240VAC, Optional 48VDC

0 to 60 Degrees

26mm x 71mm x 94mm

Multimode 1310nm/1550nm

Single Mode 1310nm/1550nm

Ethernet Port RJ-45

Direct 5V DC Input

Operating Temperature

Dimensions

### Industry Standard Compliance:

IEEE 802.3 10 Base-T standard.

IEEE 802.3u 100 Base-TX/FX standard.

IEEE 802.3z 1000 Base-TX/FX standard

FCC, 15 CLASS B, CE

EMI EN55022: 2010, EMS: 55024: 2010 (EN61000-4-2:2009), EN6100-4-3: 2006+A1:2008,

C TICK EMC Certified Approval N12565

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