



# 100/1000 BASE MEDIA CONVERTER

## APPLICATION

- ❖ The Media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x Standards. It is designed to convert data signal between 10/100 Base-TX and 100 Base-FX Ethernet.

## PRODUCT FACTS

- ❖ Connectors(RJ45-UTP/STP and Fiber SC)
- ❖ 6 diagnostic and monitoring LEDs for the status of power, FX link/ACT, TX link/ACT

## PRODUCT CODE

- ❖ MCG-NLK-SM-SC
- ❖ MCG-NLK-MM-SC



## TECHNICAL DATA

STANDARDS	IEEE802.3z/AB, 1000Base-T and 1000Base-SX/LX
CONNECTORS	RJ45-UTP/STP and Fiber SC
WAVELENGTH	Support for 850nm, 1310nm optics
OPTION MODE	Singlemode (1310nm) or Multimode (850nm)
LED	6 diagnostic and monitoring LEDs for the status of power, FX link/ACT, TX link/ACT
DATA TRANSFER MODE	1000Mbps
POWER REQUIREMENT	2A@+5VDC
UTP CABLE	Cat.5e / Cat.6 cable up to 100m
FIBER CABLE	<ul style="list-style-type: none"><li>• 50/125, 62.5/125 Multi-mode</li><li>• 8.3/125, 8.7/125, 9/125 Single-mode</li></ul>
SC MULTIMODE	• Full Duplex = Node to Switch : 5km
SC SINGLEMODE	• Full Duplex = Node to Switch : 25km