



Internal Gigabit Media Converter



Features

- Provide one fiber connector and one UTP connector
- Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-FX standard
- Auto-detection of half/full duplex transfer mode for Tx port
- Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for Tx port
- Provide switch configuration of half/full duplex transfer mode for Fx port
- Extend fiber distance up to 2km for multi-mode fiber and 90km for single-mode Dual fiber. 50km for Single-mode Single fiber cable.
- Indication: RX, TX, FX, 1000, PWR, 10/100
- Easy-to-view LED indicators provides status to easily monitor network activity
- Internal power supply

**Technical Standard**

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX/FX Fast-Ethernet IEEE802.3z/ab 1000BASE-FX/TX 1000M-Ethernet IEEE802.3x	
RJ-45 Port	Auto-MDI/MDIX	
Fiber Port	Fiber Type	Wavelength
	SC/ST/FC	850/1310/1550nm
Network Cable	<u>10BASE-T:</u> Category 3,4 or 5 UTP/STP (Max:100m) EIA/TIA- 568 100? STP (Max:100m)	
	<u>100BASE-TX:</u> 2pairs of category 5 UTP (Max:100m) EIA/TIA- 568 100? STP (Max:100m)	
	<u>1000BASE-TX:</u> Category 5 UTP/STP (Max:100m)	
	<u>1000BASE-FX:</u> MMF 50/125,62.5/125,100/140µm (maximum 2Km) SMF 8.3/125,8.7/125,9/125,10/125µm (20~120Km)	
	Dimensions(WxDxH) 160x130x30mm(Internal power)	
Input Voltage	AC100V-AC240V and DC-48V is optional (Internal power)	
Operating Temperature °C	0 - 50	
Store Temperature °C	-30 - +60	
Humidity	5% - 95% no condensation	

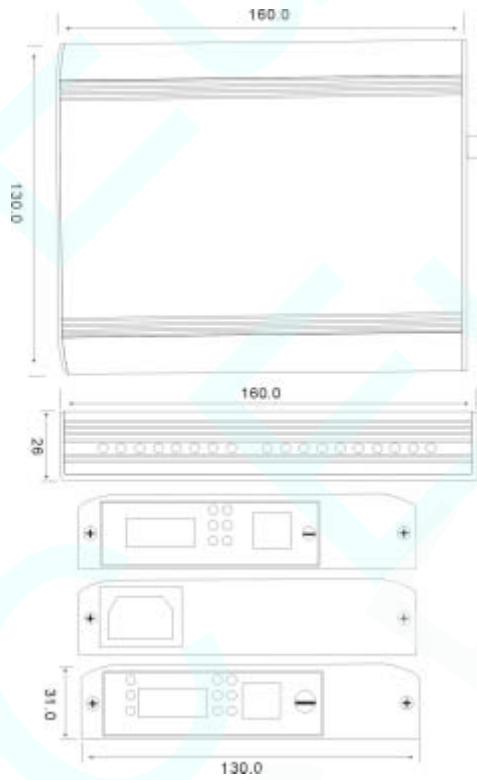




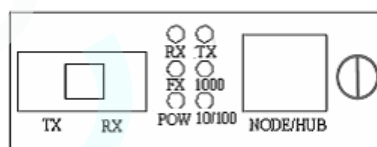
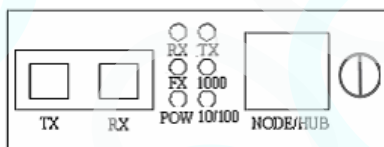
KOC EUROPE

*The Global Solution in Active
and Passive Fiber Optic Components*

Drawings:



Model and LED instruction



www.koceleurope.com



LED	Function Description
RX	The light on means the TX port is receiving data
TX	The light on means the TX port is transmitting data
FX	The light on means the FX port is connected. The light blinking means the FX is transmitting data
1000	The light on means the speed of TX is 1000M.
POW	The light on means the power is connected.
10/100	The light on means the TX port's speed is 100M. The light off means TX port's speed is 10M.

Ordering Informaiton:

Note: the item no. with the letter "B" is for Broadcom solution, which complies well with Cisco Switch.
For example 3831 is Marvel solution and 3831B is Broadcom solution

P/N	Speed	Fiber Type	Distance Km	Wavelength nm	Adapter
KOC-3831/3831B	10/100/1000M	SM Dual Fiber	0-10	1310	SC
KOC-3832/3832B	10/100/1000M		0-20	1310	
KOC-3833/3833B	10/100/1000M		0-30	1310	
KOC-3834/3834B	10/100/1001M		0-40	1550DFB	
KOC-3835/3835B	10/100/1000M		0-50	1550DFB	
KOC-3837/3837B	10/100/1000M		0-70	1550DFB	
KOC-3839/3839B	10/100/1000M		0-90	1550DFB	
KOC-3805/3805B	10/100/1000M	MM Dual Fiber	0-0.5	850/1310	SC,ST
KOC-3862/3862B	10/100/1000M	SM Single Fiber	0-20	1310T/1550R	SC
KOC-3863/3863B	10/100/1000M			1550T/1310R	
KOC-3864/3864B	10/100/1000M		0-40	1310T/1550R	
KOC-3865/3865B	10/100/1000M			1550T(DFB)/1310R	
KOC-3866/3866B	10/100/1000M		1310T/1550R		
KOC-3867/3867B	10/100/1000M		0-50	1550T(DFB)/1310R	

Internal
power
supply
DC,5V,2A