



DW-MCD11XX-XX

10/100/1000M Dual fiber Media Converter

Features

- ◆ Fully complies with IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab, 1000Base-TX, IEEE802.3z 1000Base-FX Standard
- ◆ LED Indication:
LOS, SPD, FXL, TXL, PWR, FDX
- ◆ Provide one RJ-45 twisted pair 10/100/1000Mbps Ethernet port and one 1000BASE-Fx port
- ◆ Tx port 10M/100/1000M and full/half duplex auto-negotiation
- ◆ Tx port MDI/MDIX auto-negotiation
- ◆ Voltage supervisor
- ◆ External/internal power supply selectable
- ◆ Extend fiber distance up to 550m for multimode fiber and 10-100km for single-mode fiber
- ◆ **LFPT(Link Fault Pass Through)(optional)**



Product description

DW-MCD11XX-XX 10/100/1000Mbps Fast Ethernet Converter. The converter mediates between a 10/100/1000Base-Tx segment and a 1000Base-FX segment. It is primarily designed for large, higher speed/bandwidth demanding workgroups that require expansion of the Ethernet network. It can extend the conventional 10M Ethernet or 100/1000M Fast Ethernet to 10km-100km via the fast Ethernet Fiber-optical Line. It is high-performance, cost effective and flexible solutions for a wide range of applications in the field of LAN campus network.

**Specification:**

Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX IEEE802.3ab 1000BASE-FX/TX 1000M Ethernet IEEE802.3x		
RJ-45 Port	Auto-MDI/MDIX		
Fiber Port	Connector Type	Wavelength	Send-Power
	SC/ST/FC	850/1310/1550nm	MMF:-20dBm(min.) -10dBm(max.) SMF:-20dBm(min.),0dBm(max.)
Network Cable	10BASE-T: Category 3,4 or 5 UTP/STP(Max:100m) EIA/TIA-568 100Ω STP(Max:100m) 100BASE-TX: 2pairs of category 5 UTP(Max:100m) EIA/TIA-568 100Ω STP(Max:100m) 1000BASE-TX: Category 5 UTP/STP(Max:100m) 1000BASE-FX: MMF:50/125,62.5/125,100/140um(maximum 550m) SMF: 8.3/125,8.7/125,9/125,10/125μm (10~100km)		
Dimensions(WxDxH)	94x71x27mm(External power) 157x129x32mm(Internal power)		
Input Voltage	DC5V1A(Extenal power input: AC100V-AC240V/50-60HZ) AC100V-AC240V and DC-48V is optional(Internal power)		
Power Consumption	5w(External Power)		
Operation Temperature	0℃~70℃		
Store Temperature	-40℃~85℃		
Humidity	5%~95% non-condensing		
Net Weight	0.45kg(External Power)		
	0.85kg(Internal Power)		

* For further reports, please contact us for update.

Typical Optical Power Budget:

Part Number	Discription
DW-MCD1131-05	10/100/1000M,Dual fiber,550m,SC/ST/FC connector,external power supply
DW-MCD1131-10	10/100/1000M,Dual fiber,10km,SC/ST/FC connector, external power supply
DW-MCD1131-20	10/100/1000M,Dual fiber,20km,SC/ST/FC connector,external power supply
DW-MCD1131-40	10/100/1000M,Dual fiber,40km,SC/ST/FC connector, external power supply
DW-MCD1131-60	10/100/1000M,Dual fiber,60km,SC/ST/FC connector,external power supply
DW-MCD1155-80	10/100/1000M,Single fiber,80km,SC/ST/FC connector, external power supply
DW-MCD1155-100	10/100/1000M,Single fiber,100km,SC/ST/FC connector, external power supply