



DW-MCD1XX-XX

10/100M Dual fiber Media Converter

Features

- ◆ Fully complies with IEEE 802.3 10Base-T,IEEE802.3u
100Base-TX/FX Standard
- ◆ LED Indication: FEF,SPD,FXL,TXL,PWR,FDX
- ◆ Provide one RJ-45 twisted pair 10/100Mbps Ethernet port
and one 100BASE-Fx port
- ◆ Tx port 10M/100M and full/half duplex auto-negotiation
- ◆ Tx port MDI/MDIX auto-negotiation
- ◆ Voltage supervisor
- ◆ External/internal power supply selectable
- ◆ Extend fiber distance up to 2km for multimode fiber and
20-120km for single-mode fiber
- ◆ **LFPT(Link Fault Pass Through)(optional)**



Product description

DW-MCD11XX-XX 10/100Mbps Fast Ethernet Converter.The converter mediates between a 10/100Base-Tx segment and a 100Base-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 100M Fast Ethernet to 20km-120km 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/FX Fast-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-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

Order Information:

| Part Number | Discription |
|---------------|--|
| DW-MCD131-02 | 10/100M,dual fiber,550m,SC/ST/FC connector,external power supply |
| DW-MCD131-20 | 10/100M,Dual fiber,20km,SC/ST/FC connector,external power supply |
| DW-MCD131-40 | 10/100M,Dual fiber,40km,SC/ST/FC connector, external power supply |
| DW-MCD131-60 | 10/100M,Dual fiber,60km,SC/ST/FC connector,external power supply |
| DW-MCD155-80 | 10/100M,Single fiber,80km,SC/ST/FC connector, external power supply |
| DW-MCD155-100 | 10/100M,Single fiber,100km,SC/ST/FC connector, external power supply |