

DG-MC5000

The DIGISOL media converter series features LFP (Link Fault Pass-through) function for easily tracing the network link failure. LFP function can enhance the integrity and conformity of the TP Fiber linking to improve the maintainability of the network. It has easy-to-read diagnostic LED's for continuous status reports on network speed, duplex media access control connection and network traffic. With the Unique feature of USB powered media converter, DIGISOL Media converters is an Ideal choice for CAMPUS Networks/FTTH networks.

Media Converter DG-MC5000



DIGISOL Media Converter series extends the reach of traditional UTP based LAN from 100Meters to distance of 40 Km and beyond using Fiber optics media. The DIGISOL media converter are available in two flavors. DG-MC5000 series extends the range for Fast Ethernet network.

Technical Specifications

DG-MC5123 10/100Mbps to 100Base-Fx Media Converter (Single Mode 20Kms)

- Fiber Mode Single Mode
- Wavelength 1310nm
- Fiber Cable 9/125Micron
- Fiber Cable Distance 20Kms
- Fiber Connector SC type
- Copper UTP Port RJ-45

LED Indicator FX,TP

- Link/ACT
- DUP
- SD
- TP: 100
- PWR
- Power Adapter External DC5V, 1A

Environment Specifications

- Operating Temperature: 0°C~50°C
- Humidity: 5%~90% Non-condensing
- Certifications CE, FCC

Dimensions

- 94 x 70.3 x 26.2 mm

Product Features & Compliances

Link Fault Pass-Through support

- ✗ Interoperable with most of Hubs and Switches
- ✗ TP Port Supports Auto Negotiation and Auto-MDI-X
- ✗ Powered by USB*
- ✗ Easy installation and management

DG-MC5000

Technical Specifications

DG-MC5124 10/100Mbps to 100Base-Fx Media Converter (Single Mode 40Kms)

- Fiber Mode Single Mode
- Wavelength 1310nm
- Fiber Cable 9/125Micron
- Fiber Cable Distance 40Kms
- Fiber Connector SC type
- Copper UTP Port RJ-45

LED Indicator FX,TP

- Link/ACT
- DUP
- SD
- TP: 100
- PWR
- Power Adapter External DC5V, 1A

Environment Specifications

- Operating Temperature: 0°C~50°C
- Humidity: 5%~90% Non-condensing
- Certifications CE, FCC

Dimensions

- 94 x 70.3 x 26.2 mm

DG-MC5022 10/100Mbps to 100Base-Fx Media Converter (Multi Mode 2Kms)

- Fiber Mode Multi Mode
- Wavelength 1310nm
- Fiber Cable 62.5 or 50/125Micron
- Fiber Cable Distance 2Kms
- Fiber Connector SC type
- Copper UTP Port RJ-45

LED Indicator FX,TP

- Link/ACT
- DUP
- SD
- TP: 100
- PWR
- Power Adapter External DC5V, 1A

Environment Specifications

- Operating Temperature: 0°C~50°C
- Humidity: 5%~90% Non-condensing
- Certifications CE, FCC

Dimensions

- 94 x 70.3 x 26.2 mm

Warranty

- One year Hardware



Ordering Information:

DG-MC5022: 100Base-Fx MM Media Converter (2Kms)

DG-MC5123: 100Base-Fx SM Media Converter (20Kms)

DG-MC5124: 100Base-Fx SM Media Converter (40Kms)

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