



DMC-805G Copper to Fiber Gigabit Media Converter

Supports Multi-Mode & Single-Mode Fiber 1000BASE-SX/LX SFP Connection

*This converter converts 1000BASE-T twisted-pair signals to 1000BASE-SX/LX multi-mode/single-mode fiber signals. Maximum fiber cable distance is 550 m for 1000BASE-SX * and 20 km for 1000BASE-LX. 1 RJ-45 twisted-pair port and 1 SFP port (mini GBIC) are provided.*

** Maximum fiber cable distance support is as follows:*

- For 62.5/125 micron multi-mode fiber cable: up to 220 m
- For 50/125-micron multi-mode fiber cable: up to 550 m

Media Converter Features

- One-channel media conversion between 1000BASE-T and 1000BASE-SX/LX (SFP mini GBIC transceiver)
- Fiber media support: multi-mode fiber and single-mode fiber (LC connector)
- Link pass-through function
- Auto negotiation of duplex mode on TX port
- Auto MDI/MDIX for TX port
- Full wire-speed forwarding rate
- Front panel status LEDs
- Can be used as a stand-alone device or installed in DMC-1000 chassis
- Hot-swappable when used with DMC-1000 chassis

DMC-805G

Technical Specifications

Media Converter

Cable Support

- 1000BASE-T: Cat. 5 UTP, EIA/TIA-568 100-ohm screened twisted-pair (STP), up to 100 m
- 1000BASE-SX: 62.5/125-micron multi-mode fiber cable, up to 220 m; 50/125-micron multi-mode fiber cable, up to 550 m
- 1000BASE-LX: 9/125-micron single-mode fiber optic cable, up to 20 km

Connectors

- RJ-45
- LC (to SFP transceiver)

LED Indicators

- Power
- Link/Act

Power Input

- 7.5V 1.5A
- Through external power adapter

Power Consumption

5.5 watts max.

Dimensions

120 x 88 x 25 mm

Weight

305 grams

Operation Temperature

0° to 40 °C

Storage Temperature

-25° to 70 °C

Humidity

10 to 90% non-condensing

Emission (EMI)

- FCC Class B
- VCCI Class B
- CE Class B



Ordering Information

DMC-805G 10BASE-T/100BASE-TX to 100BASE-FX Smart Media Converter

Please specify your order as follows:

DMC-805G/A	Includes US standard power adapter
DMC-805G/B	Includes UK standard power adapter
DMC-805G/E	Includes EU standard power adapter
DMC-805G/N	Includes Australia standard power adapter
NDMC-805G	For China
TDMC-805G	For Taiwan



Specifications subject to change without prior notice.
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Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-022-652-6696	FAX: 91-022-652-8914
Middle East (Dubai)	TEL: 9714-8834234	FAX: 9714-8834394
Turkey	TEL: 90-212-335-2553	FAX: 90-212-335-2500
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latinamerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-55039320	FAX: 55-11-55039321
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
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RECYCLABLE
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