

## AADONA Diana DMC-2G2F-SFP 2xSFP and 2xEthernet Gigabit Media Converter



### Overview

Diana DMC-2G2F-SFP is an unmanaged media converter, which provides economic solutions for media conversion between fiber and copper Ethernet. It provides 2 Giga SFP for optical fiber cables connection and 2 ports 10/100/1000Mbps RJ45 for twisted pair UTP cable connection. The maximum extension is up to 120km over fiber.

### Features

- In conformity to IEEE802.3 10base-T, IEEE802.3u 100 base-TX/FX, IEEE802.3ab 1000 base-T, IEEE802.3z,1000base-SX/LX, IEEE802.1a, IEEE802.1PQ0S, IEEE802.1d Spanning Tree.
- Unique IC solution applied.
- Hot Pluggable.
- Auto Negotiation.
- Stable performance more than 50 thousand hours with fault-free.
- Support flow control.
- Supports 10/100Mbps and 10/100/1000M full/half duplex, easy upgrades. Auto MDI/MDI-X.
- In conformity with safety code of CE and RoHS.
- Zero fault performance more than 50 thousands hours.

## Application

- Extends Ethernet connection up to 0~120km distance using fiber optics.
- Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus).
- Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones.
- Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network.

## Specifications

Optical Interface	Fiber ports	Giga SFP * 2 Fiber
	Data Rate	1000Mbps
	Duplex Mode	Full duplex
	Fiber	SM 9/125um/MM50/125 um or 62.5/125 um
	Distance	10/100/1000Mbps: SM max 120km, MM max 0.5km
	Wavelength	Based on SFP module
UTP Interface	Connector	2*RJ45
	Data Rate	10/100/1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5,Cat6
Power Input	Adapter Type	DC5V
Power Consumption		<3W
Port Numbers		two 10/100/1000 RJ45 + two 1.25G SFP
Weight	Adapter Type	0.39kg
Dimensions	Adapter Type	90mm*72mm*25mm (L*W*H)
Temperature		-10~65°C Operating; -40~70°C Storage
Humidity		5~95%(no condensing)
MTBF		≥ 10.0000h
Certification		CE,RoHS

\*Specifications are subject to change without prior notice.