



10/100/1000 ETHERNET TO GIGA SFP MEDIA CONVERTER

MODEL DDMCG S N



SYNOPSIS

- MODEL DDMCG S N PROVIDES A COST-EFFECTIVE PLUG-AND-PLAY SOLUTION FOR LONG-RANGE GIGA ETHERNET EXTENSIONS.
- BUILT-IN AUTO-SENSING CAPABILITIES ENABLE FULL OR HALF-DUPLEX ETHERNET OPERATION WITH NO CONFIGURATION REQUIRED.
- DDMCG S N MEDIA CONVERTER HAS THE FLEXIBLE SFP SLOT DESIGN, MAKING IT EASY FOR USERS TO USE DIFFERENT SFP MODULES ACCORDING TO THEIR NEEDS.
- 1 OF 10/100/1000BASE-T ETHERNET PORT, 1 OF 1000X SFP PORT
- 10BASE-T, 100BASE-TX, 1000BASE-TX, 1000BASE-X
- MDI/MDI-X, 10M/100/1000M AUTO NEGOTIATION
- SUPPORTS FULL-DUPLEX / HALF-DUPLEX, POINT-TO-POINT TRANSFER

SPECIFICATIONS

ETHERNET PORT

Standard	IEEE802.3/802.3u/802.3z, IEEE802.3ab	
Communication Mode	IEEE802.1Q, Store and Forward	
Flow Control	IEEE802.3x, Back Pressure Flow Control	
Interface	RJ45 port rate : 10/100/1000Mbps Optic port rate: 1000Mbps	
Transmission Distance	Ethernet transmission distance: 100m (Standard CAT5/CAT5e cable) Fiber transmission: Depends on SFP, Upto 100Km	
Connectors	RJ45 port connector	: RJ45
	Optic port connector	: SFP
Throughput:	100M forward speed	: 148810 pps
	1000M forward speed	: 1488100 pps

FIBER PORT

Single-mode	8.3/125, 8.7/125, 9/125 or 10/125μm
Multi-mode	50/125, 62.5/125μm
Wavelength	1310nm (2Km, 20km, 25Km, 40Km)1550nm (40Km to 100 Km)
Tx Power	Depending on n SFP
Rx Sensitivity	Depending on n SFP

INDICATIONS

6 LED's

Power
Fiber Link & Ethernet Link
Full / Half Duplex
Ethernet & Fiber Speed

POWER SUPPLY

Internal

230V AC

Range 110 to 265 VAC
3 pin Terminal block

24, 48, 110, 220 VDC

Range +/- 10%
3 pin Terminal block

Power Consumption

< 4W

MECHANICALS

Dimension

117 * 35 * 98mm (H×W×D)
without DIN Clamp & Connectors

Mounting / Enclosure

DIN Rail

Weight

260gm

ENVIRONMENT

Operating Temperature

-10 deg to 70 deg Celsius

Storage temperature

-20 deg to 70 deg Celsius

Relative Humidity

5% to 95% non-Condensing

ORDERING CODE

DDMCG S A/D ZZZ N

DDMCG S

SFP Based Ethernet to Fiber Giga Media Converter

A/D

A

AC

D

DC

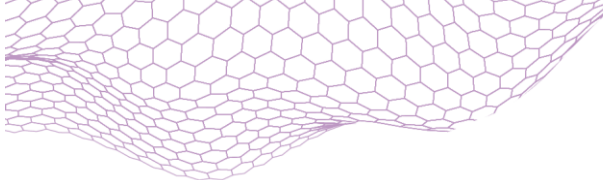
ZZZ

230 for AC

24, 48, 110, 220 DC

N

Fixed



AVAILABLE MODEL CODE

DDMCG S A 230 N	10/100/1000M Ethernet to Giga SFP Media Converter, Supply 230 VAC
DDMCG S D 24 N	10/100/1000M Ethernet to Giga SFP Media Converter, Supply 24 VDC
DDMCG S D 48 N	10/100/1000M Ethernet to Giga SFP Media Converter, Supply 48 VDC

