



ETHERNET TO FIBER MEDIA CONVERTER-GIGA

MODEL DDMCG N



SYNOPSIS

- MODEL DDMCG N PROVIDES A COST-EFFECTIVE PLUG-AND-PLAY SOLUTION FOR LONG-RANGE GIGA ETHERNET EXTENSIONS.
- IT IS A PERFECT CHOICE WHEN PLANNING FUTURE UPGRADES OF ETHERNET NETWORKS.
- BUILT-IN AUTO-SENSING CAPABILITIES ENABLE FULL OR HALF-DUPLEX ETHERNET OPERATION WITH NO CONFIGURATION REQUIRED.
- 10BASE-T, 100BASE-TX, 1000BASE-TX, 1000BASE-FX
- MDI/MDI-X, 10M/100M AUTO NEGOTIATION
- SUPPORTS FULL-DUPLEX / HALF-DUPLEX, POINT-TO-POINT TRANSFER

SPECIFICATIONS

ETHERNET PORT

Standard	IEEE802.3ab, IEEE802.3z, IEEE802.1Q
RJ45 port rate	10/100/1000Mbps
Optic port rate	1000Mbps or 100/1000FX DIP selectable
Ethernet transmission distance	100m
Fiber transmission	5 to 100Km (Single mode), 550m, 2Km (multi-mode)
RJ45 port connector	RJ45
Optic port connector	SC or FC

FIBER PORT

Single mode	8.3/125, 8.7/125, 9/125 or 10/125 μ m
Multi-mode	50/125, 62.5/125 μ m
Wavelength	1310nm (2Km, 20km, 25Km, 40Km) 1550nm (40Km to 100 Km)
Tx Power	- 7 to -12dBm @ 1310nm
Rx Sensitivity	\geq -38dBm @ 1310nm

Note: The effective distance in the higher range e.g. 100Km can be 85 to 90 Km

INDICATIONS

6 LED's

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

POWER SUPPLY

Power Supply	230V AC (Range 110 to 265 VAC), 3 pin Terminal block 24, 48, 110, 220V DC (Range +/- 10%) 3 pin Terminal block
Power Consumption	< 4W

MECHANICALS

Dimension	117 * 34 * 97mm (H×W×D) without DIN Clamp & Connectors
Mounting / Enclosure	DIN Rail
Weight	260gm

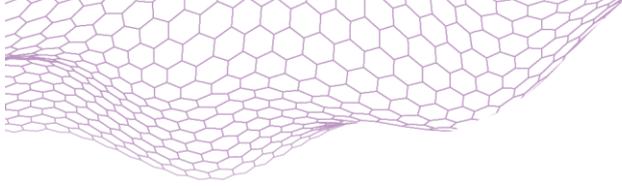
ENVIRONMENT

Operating Temperature	-10 deg to 70 °C
Storage temperature	-20 deg to 70 °C
Relative Humidity	5% to 95% non-Condensing

ORDERING CODE

DDMCG M/SXXX SC/ST YA/D ZZZ N

DDMCG	Base Model for Ethernet to Fiber Media Converter-Giga
M/SXXX	M : Multimode S : Single Mode (XXX: 20,40,80,100 Kms)
SC/ST	SC : SC Connector ST : ST Connector
A/D	A : AC Supply D : DC Supply
ZZZ	230 : 230 V AC 24, 48, 110, 220: DC
N	Fixed



SAMPLE MODEL CODE

DDMCG S020 SC A 230 N	Fiber to Ethernet Media Converter, Giga, Singlemode-20Km, SC Connector, Supply 230VAC
DDMCG M SC A 230 N	Fiber to Ethernet Media Converter, Giga, Multimode, SC Connector, Supply 230VAC
DDMCG S020 SC D 24 N	Fiber to Ethernet Media Converter, Giga, Singlemode-20Km, SC Connector, Supply 24Vdc
DDMCG M SC D 24 N	Fiber to Ethernet Media Converter, Giga, Multimode, SC Connector, Supply 24Vdc



DATA BRIDGE
D Y N A M I C