

PoE ENABLED 1000BASE-T TO 1000BASE-X EMPTY SLOT GIGABIT MEDIA CONVERTER GGM 910LCP



Full wire speed performance

SFP flexibility

Best conversion latency

Low power consumption

Optional Din-Rail mounting

Options for Bi-Di communication

Options for CWDM

Powered by PoE, AC adapter, USB

The Gigabit media converter **GGM 910LCP** is designed to convert 1000Base-T signals to/from 1000Base-X fiber signals. It is used to extend the connection distance between two Gigabit Ethernet devices via fiber cable transparently with no performance degradation. With the SFP (Mini-GBIC) connector design, the **GGM 910LCP** not only supports existing variety of multimode and single mode fibers, but also preserves the flexibility to adapt to any change of your fiber network in the future. With pre-configured fiber transceivers, the converter also can support Bi-Di WDM and CWDM fiber network applications.

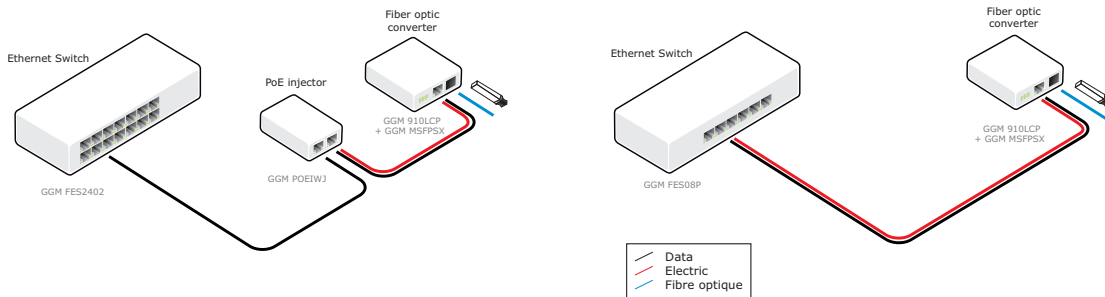
Because of 802.3af compliance, the converters can draw the power via Cat.5 cable connected to a PoE PSE switch or mid-span injector. This feature makes the converter ideal for remote areas of a network without AC power outlets.

PRODUCT FEATURES

- Comply with IEEE 802.3ab 1000Base-T, 802.3z 1000Base-SX/LX standard
- Provide direct media conversion for Gigabit copper and Gigabit fiber
- Provide 1000Mbps conversion with a minimum and the best latency
- Support full wire speed conversion
- Support transparent conversion of any packet types with no packet length limitation
- Support auto-negotiation with link partners
- Provide link pass through between copper and fiber link
- Provide SFP on fiber port for mounting variety of fiber options
- Support optional Din-Rail installation
- Ideal solution for multimode, short reach up to long reach single mode fiber, Bi-Di and CWDM applications
- Support being powered by PoE via Cat.5 and USB in addition to typical AC power adapter

PRODUCT SPECIFICATIONS

STANDARDS	IEEE 802.3ab, 802.3z, IEEE 802.3af	LED INDICATION	Power status, SFP On status, Link status, Optical link status	ENVIRONMENT	Operation Temperature -5°C ~ 55°C Storage Temperature -20°C ~ 85°C Relative Humidity 5% ~ 95% non-condensing
COPPER PORT	Shielded RJ-45, 1000Mbps, Auto-negotiation capable, Auto-MDI/MDI-X	MOUNTING	Desktop, Wall, Din-Rail (optional)	DIMENSION	108 x 72.5 x 23 mm (WxDxH)
FIBER PORT	SFP connector with pre-configured SFP fiber transceiver Far End Fault support SX LC 50/125µ = 500m SX LC 62.5/125µ = 200m	POWER INPUT	PoE via Cat.5 on RJ-45 from PSE switch or PoE mid-span injector DC jack via external AC power adapter or USB power via proprietary USB cable	APPROVAL	FCC Class B, CE mark, CISPR 22 Class B, IEC60950-1 Safety
NETWORK CABLES	Copper port Cat.5e recommended or higher up to 100m Fiber port MMF 50/125µm, 62.5/125µm, SMF 9/125µm	POE	Input voltage IEEE 802.3af PD compliant 36 ~ 57VDC via Cat.5 Power classification Class 1 Power reception Via TP RJ-45 Pin 1,2,3,6 or Pin 4,5,7,8	WARRANTY	24 months



PART NUMBER

P/N	DESCRIPTION
GGM 910LCP	PoE-PD-enabled 1000Base-T to 1000Base-X Gigabit Empty SFP Slot
GGM MSFPSX	SFP Module 1000Base-SX LC (500m)
GGM MSFPLX	SFP Module 1000Base-LX LC (10Km)

YOUR POINT OF CONTACT