

Fiber Optical Media Converter Fast Ethernet 1 x 10/100Base-T 1 x 100Base-Fx Multi-mode Dual fiber

GGM 742MCV2

SC Duplex connector

Auto Mdi/MdiX

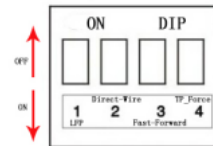
Length 2 Km

100 Mbps



Standard	
	IEEE802.3 10Base-T Ethernet,
	IEEE802.3u 100Base-TX/FX Fast Ethernet,
	IEEE802.3x Flow control,
	IEEE802.1q VLAN,
	IEEE802.1p QoS
	IEEE802.1d Spanning Tree
Wave length	
	1300 nm
Optical power	-15dBm to -3dBm
Length	2 Km
Port	
	RJ45 x 1
	SC Duplex x 1
Performance	
Conversion	store-and-forward/cut-through
MAC address table	1K
Buffer space	128Kbit
Flow control	Full duplex: flow control; Half duplex: back pressure
Delay	Store-and-forward: 9.6µs; cut-through: 0.9µs
BER	<19-9
MTBF	100,000 h
Power supply	
Power IN	DC5V 1A
Consumption	<2W
Physique	
Working Temperature	-10~55°C
Working Humidity	5%~90%
Storage Temperature	-40~70°C
Storage Humidity	5% ~ 90% non-condensing
Dimensions	26mm (H) * 70mm (W) * 94 mm (D)

Dip switch positions



DIP SWITCH	DIP FUNCTION	
LFP	OFF	Désactivé
	ON	Enable/Link status of one port is forwarded to the other port
DIRECT WIRE	FAST-FORWARD	FUNCTION
OFF	OFF	Store and forward switch mode (default)
OFF	ON	Modified cut-through switch mode
ON	OFF	Converter mode
ON	ON	Converter mode with auto change forward function

LED signification

LED	STATUS	DESCRIPTION
PWR	ON	Power is ON
	OFF	Power is OFF
100M	ON	Connected at 100Mbps
	OFF	Connected at 10Mbps
FX LINK/ACT	ON	Fiber link OK
	Blink	Data received or transmitted
	OFF	Fiber link failed
TX LINK/ACT	ON	Fiber link OK
	Blink	Data received or transmitted
	OFF	Fiber link failed
SD	ON	Fiber signal detected
	OFF	No Fiber signal
FDX/COL	ON	Full duplex mode
	OFF	Half duplex mode

TECHNICAL SUPPORT (OUTSIDE FRANCE)

- Technical self-service portal GIGAMEDIA:
<http://support.gigamedia.net>

