

# CM-021DSFP Fiber Converter

## Gigabit Ethernet 10/100/1000Base-T to 100/1000Base-X Media Converter

- Compact and Stand-alone Media Converter
- 9K Bytes Jumbo Frame Size
- Link Alarm for both of UTP or fiber connection
- Dual Rate 100Mbps/ 1000Mbps



### OVERVIEW

Lantech CM-021DSFP is a Gigabit Ethernet 10/100/1000 Base-T to 100/1000Base-X media converter. CM-021DSFP converts traditional twisted-pair RJ-45 cable into a SFP slot for pluggable fiber transceiver, extending transmission distance for the deployment to various locations.

CM-021DSFP series media converter is fully compliant with IEEE 802.3, 802.3u, 802.3ab & 802.3z standards. Besides, it is equipped with some switching features including store and forward.

The installation and operation are simple and straightforward. The operation status can be monitored through a set of diagnostic LED indicators on the front panel. It is especially designed for network operators, metro Ethernet providers, enterprises, SMB, who have the need of implementing fiber optical Ethernet networks over long distance, for FTTX solutions, and are looking for an effortless and reliable 1000Mbps media converter.

### FEATURES & BENEFITS

- Fully complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/FX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X Standards
- Jumbo frame 9K Bytes
- Link Alarm for both of UTP or fiber connection
- Dual Rate 100Mbps/ 1000Mbps

### SPECIFICATION

Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/FX IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-X	DC Output: 3.3V
Connector	10/100/1000Base-T RJ-45 Port x 1 100/1000Base-X x 1	Power Consumption
Switch architecture	Store and Forward	2.3W
MAC address table	2K	Environment
Jumbo Frame	9K Bytes	Operation Temperature.: 0°C to 50°C Storage Temperature: -20° ~ 60°C Operation Humidity: 5% to 90% (Non-condensing)
Memory buffer:	128K	LED
Power Adaptor	AC Input: 100VAC~240VAC Frequency Range: 50~60Hz	Power, FDX, Status, Speed, F/O, TP
		Dimension
		51 x 74 x 20 mm
		EMI & Safety
		FCC Class A, CE
		Warranty
		2 years

### ORDERING INFORMATION

- **CM-021DSFP**.....**P/N: 8421-233**  
Gigabit Ethernet 10/100/1000Base-T to 100/1000Base-X Media Converter

## OPTIONAL ACCESSORIES

### Mini GBIC (SFP)

■ <b>8330-162-V1</b>	MINI GBIC 1000SX (LC/MM/0.5KM) Transceiver	■ <b>8330-065-V1</b>	MINI GBIC 100Base (LC/MM/5KM) Transceiver
■ <b>8330-163-V1</b>	MINI GBIC 1000SX2 (LC/MM/2KM) Transceiver	■ <b>8330-061-V1</b>	MINI GBIC 100Base (LC/SM/30KM) Transceiver
■ <b>8330-165-V1</b>	MINI GBIC 1000LX (LC/SM/10KM) Transceiver	■ <b>8330-197-V1</b>	1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1310)
■ <b>8340-0591-V1</b>	MINI GBIC 1000LHX (LC/SM/40KM) Transceiver	■ <b>8330-198-V1</b>	1.25Gbps BiDi SFP 0.5KM Transceiver (WDM 1550)
■ <b>8330-166-V1</b>	MINI GBIC 1000XD (LC/SM/50KM) Transceiver	■ <b>8330-195-V1</b>	1.25Gbps BiDi SFP 2KM Transceiver (WDM 1310)
■ <b>8330-169-V1</b>	MINI GBIC 1000XD (LC/SM/60KM) Transceiver	■ <b>8330-196-V1</b>	1.25Gbps BiDi SFP 2KM Transceiver (WDM 1550)
■ <b>8330-167-V1</b>	MINI GBIC 1000ZX (LC/SM/80KM) Transceiver	■ <b>8330-188-V1</b>	1.25Gbps BiDi SFP 10KM Transceiver (WDM 1310)
■ <b>8330-170-V1</b>	MINI GBIC 1000EZ (LC/SM/120KM) Transceiver	■ <b>8330-189-V1</b>	1.25Gbps BiDi SFP 10KM Transceiver (WDM 1550)
■ <b>8330-168-V1</b>	MINI GBIC 10/100/1000T (100m) Transceiver	■ <b>8330-186-V1</b>	1.25Gbps BiDi SFP 20KM Transceiver (WDM 1310)
■ <b>8330-060-V1</b>	MINI GBIC 100Base (LC/MM/2KM) Transceiver		

#### Lantech Communications Global Inc.

www.lantechcom.tw  
 info@lantechcom.tw

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