

CM-022A Fiber Converter Series

100/1000Base SFP to 100/1000Base SFP Media Converter w/ LLF

function

- 2x 100/1000BaseX SFP Fiber Converter
- 9KB jumbo frame supported
- DIP switch for Auto negotiation, Speed, Half/ Full Duplex and LLF mode
- Support 16-slot converter chassis



OVERVIEW

Lantech CM-022A fiber converter is designed to extend the transmitting distance of optical-fiber network.

The CM-022A is fully compliant with 802.3u and 802.3z standards.

Lantech CM-022A supports both 100Mbps and 1000Mbps speed on each of SFP slot. 4 DIP switches are to adjust

transmitting mode and Link Loss Forwarding (LLF) feature.

Lantech provides various modules to satisfy the demand of users include WDM/SC/ST multi mode and single mode (30/60km) interfaces. CM-022A can be slide into a 16-slots chassis with redundant power supply option (MC-116-RPS) for centralized and rack mountable installation.

FEATURES & BENEFITS

- 2x 100/1000BaseX SFP Converter
- Support 9KB jumbo frame
- Single mode fiber to multi mode fiber Media converter
- Built in Link Loss Forwarding Technology
- DIP switch mode: Speed, F/O mode and LLF mode

SPECIFICATION

Standards	IEEE 802.3u 100Base-TX/FX IEEE 802.3z 1000Base-X	Environment	Operation Temperature: 0°C to 50°C Storage Temperature: -20° ~ 60°C Operation Humidity: 5% to 90% (Non-condensing)
Connector	100/1000Base-X SFP Slot x 2	LED	Power, FO1, FO2
Jumbo frame	9K	DIP Switch (Rear Panel)	DIP Switch 1: Speed (100Mbps/1000Mbps) DIP Switch 2: F/O mode (Force / Auto) DIP Switch 3: Link Loss Forwarding (Disable/Enable) DIP Switch 4: Reserved
Link Loss Forward	Single-mode Fiber => Multi-mode Fiber: If Single-mode Fiber port link down, then converter will force Multi-mode Fiber to link down. Multi-mode Fiber => Single-mode Fiber: If Multi-mode Fiber port link down, then converter will force Single-mode Fiber to link down.	Dimension	Module: 71mm x 94mm x 26 mm
Power Adapter	Power Input: DC 5V, 2.0A Power Output: AC 100-240 V	EMI & Safety	FCC Class A, CE
Power Consumption	AC 220V: 2.5W DC 5V: 1.8W	Warranty	2 years

ORDERING INFORMATION

- **CM-022A**.....P/N: **8421-190**
100/1000Base SFP to 100/1000Base SFP Media Converter w/ LLF function
- **MC-116-RPS -P1AC**.....P/N: **8420-008**
16 Slots Universal Media Converter Rack19-inch (2U), with 1 AC power
- **MC-116-RPS -P1DC**.....P/N: **8420-009**
16 Slots Universal Media Converter Rack19-inch (2U), with 1 DC power
- **MC-116-RPS-AC POWER...**P/N: **EOTH000670**
Slide-in AC Power Module for MC-226-RPS
- **MC-116-RPS-DC-POWER...**P/N: **EOTH000671**
Slide-in DC Power Module for MC-226-RPS

OPTIONAL ACCESSORIES

Mini GBIC (SFP)

- **8330-163** MINI GBIC 1000SX2 (LC/2km) Transceiver
- **8330-165** MINI GBIC 1000LX (LC/10km) Transceiver
- **8340-0591** MINI GBIC 1000LHX (LC/40km) Transceiver
- **8330-166** MINI GBIC 1000XD (LC/50km) Transceiver
- **8330-169** MINI GBIC 1000XD (LC/60km) Transceiver
- **8330-167** MINI GBIC 1000ZX (LC/80km) Transceiver
- **8330-170** MINI GBIC 1000EZ (120km) Transceiver
- **8330-168** MINI GBIC 10/100/1000T (100m) Transceiver
- **8330-060** 100Base FX 2KM, Multi-mode, LC Transceiver
- **8330-065** 100Base FX 5KM, Multi-mode, LC Transceiver

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|-------------------|----------------------------------------------|-------------------|------------------------------------------|
| ■ 8330-061 | 100Base LX 30KM, Single-mode, LC Transceiver | ■ 8330-182 | LTSFP-1000BX-40KM Transceiver (WDM 1550) |
| ■ 8330-188 | LTSFP-1000BX-10KM Transceiver (WDM 1310) | ■ 8330-181 | LTSFP-1000BX-60KM Transceiver (WDM 1310) |
| ■ 8330-189 | LTSFP-1000BX-10KM Transceiver (WDM 1550) | ■ 8330-183 | LTSFP-1000BX-60KM Transceiver (WDM 1550) |
| ■ 8330-186 | LTSFP-1000BX-20KM Transceiver (WDM 1310) | ■ 8330-184 | LTSFP-1000BX-80KM Transceiver (WDM 1490) |
| ■ 8330-187 | LTSFP-1000BX-20KM Transceiver (WDM 1550) | ■ 8330-185 | LTSFP-1000BX-80KM Transceiver (WDM 1550) |
| ■ 8330-180 | LTSFP-1000BX-40KM Transceiver (WDM 1310) | | |

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