

CM-011A Fiber Converter Series

10/100TX to 100FX Media Converter w/ LLF function

- Build in Link Loss Forwarding Technology
- DIP switch for Auto negotiation, Speed, Half/ Full Duplex and LLF mode



OVERVIEW

Lantech CM-011A-SC/ST/WDM fiber converter is used in extending the transmitting distance which is fully compliant with the IEEE 802.3 & 802.3u standards.

Lantech CM-011A supports switch mode and pure converter mode. 4 DIP switches are to adjust transmitting mode and Link Loss Forwarding (LLF) feature. The MDI/MDI-X function can

automatically detect the required cable connection type and configure the connection appropriately.

Lantech provides various modules to satisfy the demand of users include WDM/SC/ST multi mode and single mode (30/60km) interfaces. Each unit is powered by an external power supply.

FEATURES & BENEFITS

- Complies with IEEE 802.3, IEEE 802.3u Standard
- 10/100TX to 100FX Media converter
- Built in Link Loss Forwarding Technology
- 10/100TX port support Auto MDI/MDI-X
- DIP switch mode: Auto negotiation, Speed, Half/ Full Duplex and LLF mode

SPECIFICATION

Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX & 100Base-FX	Consumption	
Connector	Fiber: Duplex ST/SC/MT-RJ, Simplex SC(WDM single mode) RJ-45 Socket: CAT 5 (10/100Mbps) Twisted Pair cable Auto MDI/MDI-X and Auto-Negotiation Function Support	Environment	Operation Temperature: 0°C to 50°C Storage Temperature: -20° ~ 60°C Operation Humidity: 5% to 90% (Non-condensing)
Switch architecture	Store and Forward	LED	Power, FDX, TX 100, TX Link/Act, Fiber 100, Fiber Link/Act
MAC address table	1K	DIP Switch (Rear Panel)	DIP Switch 1: 10/100TX Auto-Negotiation DIP Switch 2: 10/100TX Speed DIP Switch 3: 10/100TX Duplex DIP Switch 4: (Link Loss Forwarding) Disable/Enable
Memory buffer:	48K	Dimension	Module: 71mm x 97mm x 26 mm
Link Loss Forward	10/100TX=>Fiber: If 10/100TX port link down, then converter will forced fiber to link down. Fiber =>10/100TX: If Fiber port link down, the media converter will forced 10/100TX port to link down.	EMI & Safety	FCC Class A, CE,UL
Power Adapter	Power Input: DC 5V, 1.6A Power Output: AC 100~240 V	Warranty	2 years
Power	5 W		

ORDERING INFORMATION

- **CM-011A-ST.....P/N: 8421-160**
100FX (100FX, ST, Multit-Mode, 2km) to 10/100TX Converter w/ LLF function
- **CM-011A-SC.....P/N: 8421-161**
100FX (100FX, SC, Multit-Mode, 2km) to 10/100TX Converter w/ LLF function
- **CM-011A-SC(SC/60km).....P/N: 8421-175**
100FX (100FX, SC, Single-Mode, 60km) to 10/100TX Converter w/ LLF function
- **CM-011A-SC(SC/30km).....P/N: 8421-176**
100FX (100FX, SC, Single-Mode, 30km) to 10/100TX Converter w/ LLF function
- **CM-011A-WDM13.....P/N: 8421-185**
WDM fiber Modular converter, 100FX (100FX, SC, Single-Mode, 20km/40km, Tx 1310nm, Rx 1550nm) to 10/100TX converter w/ LLF function
- **CM-011A-WDM15.....P/N: 8421-186**
WDM fiber Modular converter, 100FX (100FX, SC, Single-Mode, 20km/40km, Tx 1550nm, Rx 1310nm) to 10/100TX converter w/ LLF function
- **MC-116-RPS.....P/N: 8420-007**
16 Slots Universal Media Converter Center (19-inch, 2U), optional for AC/DC power
- **MC-116-RPS-AC POWER...P/N: EOTH000670**
Slide-in AC Power Module for MC-116-RPS
- **MC-116-RPS-DC-POWER...P/N: EOTH000671**
Slide-in DC Power Module for MC-116-RPS

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