



## QUICK START GUIDE

# CWFE2SC(M,S)2

## Commercial Grade 10/100 Mbps Ethernet 2 Port Electrical-to-Optical Media Converter

**This guide serves the following  
ComNet Model Numbers:**

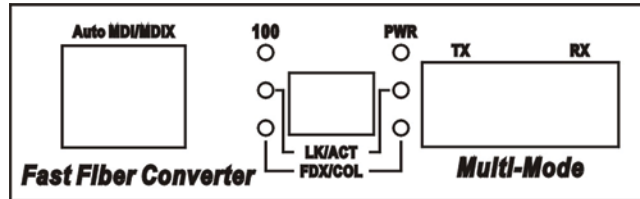
CWFE2SCM2

CWFE2SCS2

The ComNet ValueLine CWFE2SC(M,S)2 Ethernet 2-port media converters are designed to transmit and receive a single channel of 10/100 Mbps data over multimode or single mode optical fiber. The electrical interface will Auto-Negotiate to a 10 Mbps, or 100 Mbps Ethernet rate without any adjustments. The optical interface operates at a 100 Mbps Ethernet rate. These media converters are commercial grade for light industrial use.

## Front Panel

The Front Panel of the ComNet CWFE2SC(M)(S)2 consists of one RJ45 Port (Auto MDI/MDIX), 6 LED Indicators (UTP 100, LK/ACT, FDX/COL, Fiber LK/ACT, FDX/COL and PWR) and one fiber 100Base-FX Port.



*Fast Fiber Converter Module - SC Model*

## LED Indicators

There are 6 diagnostic LEDs located on the Front panel of the media converter. They provide real-time information of system and optional status. The indicator includes Power, UTP 100, LK/ACT, FDX/COL, Fiber LK/ACT, FDX/COL. The following table provides description of the LED status and their meanings.

LED	Color	Status	Description
PWR	Green	On	Power On
100	Green	On	100 Mbps UTP Speed
		Off	10 Mbps UTP Speed
LK/ACT (UTP)	Green	On	The unit is linking with its link partner.
		Blinking	The unit is transmitting or receiving packets from UTP devices.
		Off	No device attached
LK/ACT (Fiber)	Green	On	The unit is linking with its link partner.
		Blinking	The unit is transmitting or receiving packets from FX devices.
		Off	No device attached
FDX/COL (UTP)	Orange	On	The UTP port is operating in full-duplex mode.
		Blinking	Collision of packets is occurring in the port.
		Off	Half-duplex mode or no device attached.
FDX/COL (Fiber)	Orange	On	The fiber port is operating in full-duplex mode.
		Blinking	Collision of packets is occurring in the port.
		Off	Half-duplex mode or no device attached.

## DIP-switch

The DIP-switch is used to configure operation mode for LLF (Link Lost Forwarding) and operation mode for UTP/Fiber port. The default value of DIP switch is OFF.

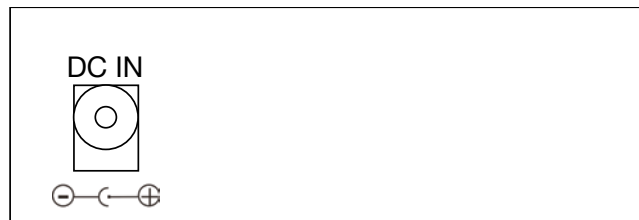
SW No	Status	Description
1	ON	UTP 100 Mbps Full Duplex Mode
	OFF	UTP Auto-Negotiate
2	ON	Fiber in Half Duplex
	OFF	Fiber in Full Duplex
3	ON	LLF Enable
	OFF	LLF Disable
4	ON	Pure Converter mode
	OFF	Switch Converter mode

## Rear Panel

The rear panel contains a power socket, which accepts 5-12 VDC @ 2.7 W.

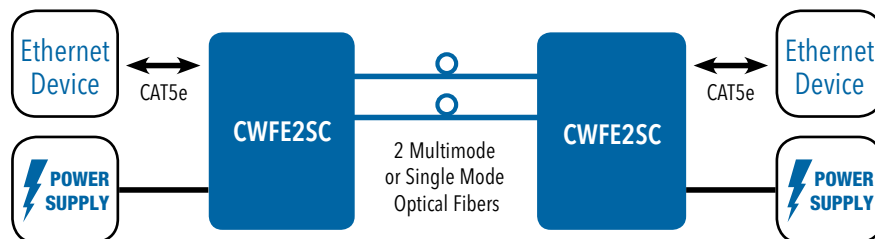
Connect the included Power Supply to the rear panel DC IN jack.

Plug the AC input of the Power Supply to a commercial power source.



*Fast Fiber Converter Module - Rear Panel*

## Connections



# MECHANICAL INSTALLATION INSTRUCTIONS

## Full Documentation

This Quick Start Guide is only partial installation information, intended for users who need only the default settings for this product model. To change settings or for more detailed explanation of features and settings, please consult the full Installation Manual, provided on disk with the product or available at [www.comnet.net](http://www.comnet.net).

## ComNet Customer Service

Customer Care is ComNet Technology's global service center, where our professional staff is ready to answer your questions at any time.

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