

## COMOSS PSW Series 8-Port Switch

### Data Sheet

**Layer 2 Switching,  
Provide 100Base-FX  
connectivity for small-sized  
businesses and home  
networks.**



### Overview

The PSW-8XXXX is 10/100Base-FX All POF switch hub, And can includes Ethernet 5 port OPTOLOCK® or SMI POF transceivers. It fully supports flow control full duplex and high-speed data transmission in POF interface. It can transmit packet(s) up to 1536/1552 bytes to meet requirement of extra long packets.

8 LED indicators are used to display each port active status. This product is really plug-and-play and requires no need other additional settings. The PSW-5 Series can fully compatible for IEEE 802.3/802.3u Fast Ethernet data communication standard. This solution can be use in any Fast Ethernet LAN, FTTH or xDSL application.

## Content

<b>CONTENT.....</b>	<b>2</b>
<b>KEY FEATURES.....</b>	<b>3</b>
<b>SPECIFICATION .....</b>	<b>3</b>
<b>APPLICATION.....</b>	<b>4</b>
<b>LED INDICATIONS .....</b>	<b>5</b>
<b>ORDER INFORMATION.....</b>	<b>6</b>

## Key Features

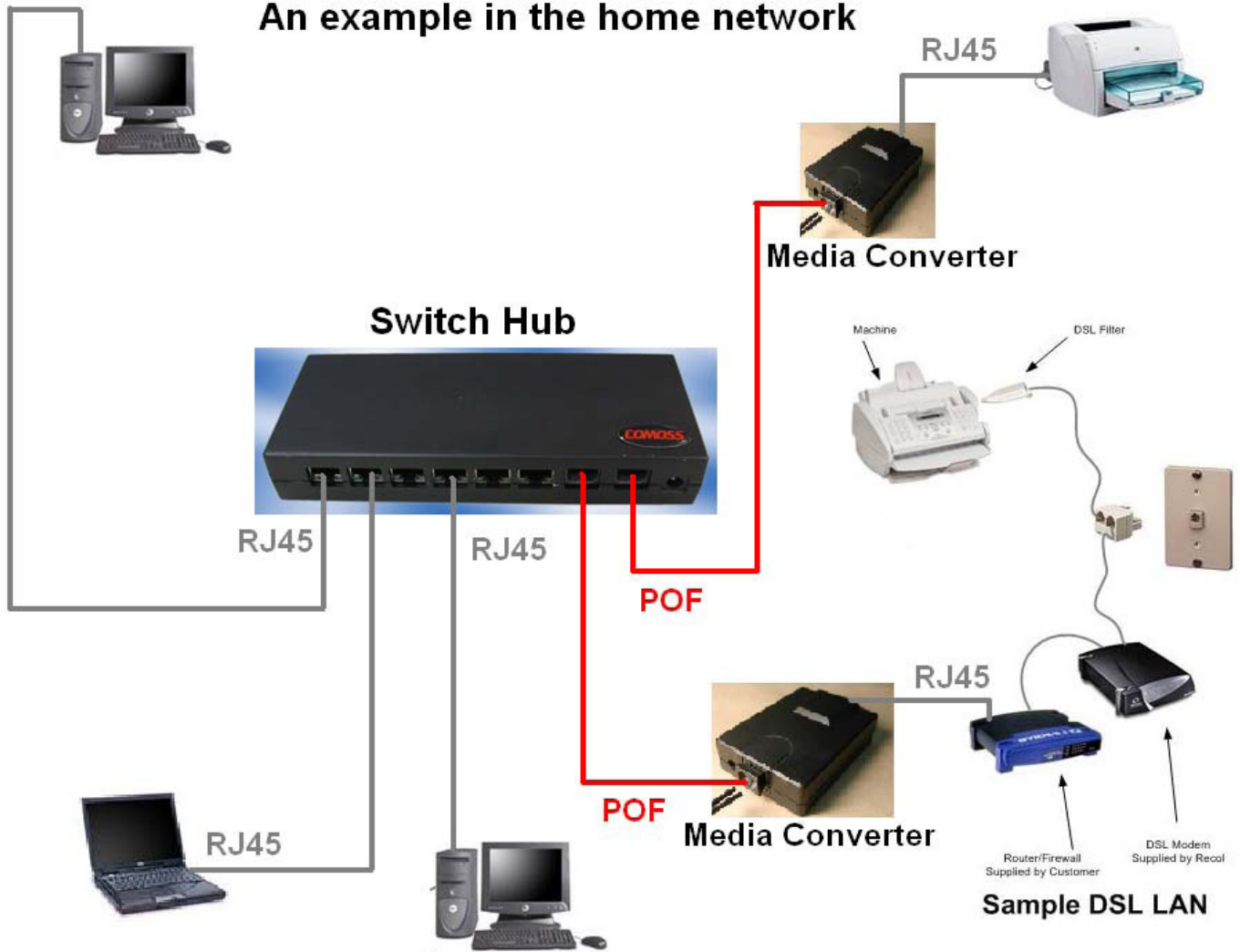
- (1) Integrate 2 ports OPTOLOCK<sup>®</sup> or SMI optical fiber transceiver.
- (2) All port supports 100Base-FX with flow control.
- (3) Supports broadcast storm filtering function.
- (4) Supports 1536/1552 byte maximum packet length.
- (5) Plug-and-play and easy installation.
- (6) Low power consumption and low cost.

## Specification

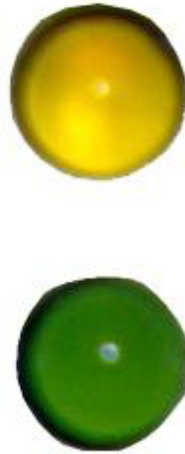
Parameter	Optical Port	Electrical Port
Standard compatibility	IEEE 802.3u Fast Ethernet 100Base-FX	IEEE 802.3u Fast Ethernet 10/100Base-TX
Data Rate	100Mbps	10/100Mbps
Transmitting Length	50M at POF interface	100M at copper interface
Interface connector	OPTOLOCK <sup>®</sup> POF transceiver	RJ-45 connector (meet EIA-568)
Equipped cable	POF patch cord	4 pairs CAT3/ CAT5/ CAT6 UTP or STP patch cord
Operating Temperature	0~70 °C	
Input DC	5V DC	
Operating Current	0.5A DC max.	
DC Power Connector	OD: 5.5, ID: 2.1 mm DC plug suitable	

## Application

### An example in the home network



## LED Indications



LED	Color	Status	Function
Power	Yellow	ON	Lights to indicate that the Switch has power.
Link/Act	Green	Blink	When any FX packet is transmitting.

## Order Information

PSW    -    8    X    X    X    X  
                                 (1)    (2)    (3)    (4)

### (1) Converter Type :

- S: SMI POF interface.
- O: OPTOLOCK® POF interface.

### (4) Color of case :

- X : Black.
- Y : White.

### (2) Diameter of Converter

#### Type :

- 0 : SMI POF interface (Black)
- 1 : 2.2mm OPTOLOCK® transceiver (Black)
- 2 : 1.5mm OPTOLOCK® transceiver (Black)
- 3 : 1.5mm OPTOLOCK® transceiver (White)

### (3) Accessory :

- 0: without 110/220VAC to 5VDC adapter.
- 1: with 110/220VAC to 5VDC adapter.

**P.S. OPTOCLOCK® is a registered by FIRECOMMS Ltd.**