

# Optolinx FCU-2805P-SFP

10/100/1000BaseT to 1000BaseX PoE+ SFP Gigabit Media Converter



## Features

- ▶ Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3at, 802.3af
- ▶ Supports PoE Power up to 30 Watts per Port
- ▶ Provides DC 52V Power over RJ-45 Ethernet Cable
- ▶ Mini-GBIC SFP Connector
- ▶ IEEE 802.3x Full-Duplex Flow-Control & Back-Pressure in Half-Duplex
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Mechanism
- ▶ Compact Size for Easy Installation

## Specifications

### Standard

IEEE 802.3 10BaseT  
 IEEE 802.3u 100BaseTX  
 IEEE 802.3ab 1000BaseT  
 IEEE 802.3z 1000BaseSX/LX  
 IEEE 802.3at Power over Ethernet Pre-standard  
 IEEE 802.3af Power over Ethernet enhancements Standard

### Switch Architecture

Store-and-Forward

### Flow Control

Back Pressure for Half-Duplex Mode  
 IEEE 802.3x Pause Frame for Full-Duplex Mode

### Interface (Copper)

1 x 10/100/1000BaseT Ethernet TP Port  
 Auto-Negotiation, Auto MDI/MDI-X with PoE Injector Function

### Interface (Fiber)

1 x SFP Port

### PoE Output

IEEE 802.3at Power over Ethernet Pre-standard  
 IEEE 802.3af Power over Ethernet enhancements Standard

### Power Output

PoE 52V DC, Max. 30 Watts

### PoE Power Supply Type

Mid-Span

### Power Pin Assignment

4/5(+), 7/8(+)

### PoE Power Budget

30 Watts

### LED

Power, TP Link/ACT, Fiber Link/ACT, PoE

### LFP Mode

LFP Function (Disable/Enable) Setting

### Power Supply

52V DC, 0.58A External AC-to-DC Adapter

### Operating Temperature

0° C to 50° C (32° F to 122° F)

### Storage Temperature

-10° C to 70° C (14° F to 158° F)

### Operation Humidity

5% to 90% (Non-condensing)

### Case Dimension (W x D x H)

94 x 70 x 26mm

### Weight

0.21kg

### Emission/Safety

FCC Part 15 Class A, CE

### Warranty

2-Year Warranty

## Ordering Information

FCU-2805P-SFP

10/100/1000BaseT to 1000BaseX Gigabit Media Converter, Mini-GBIC/SFP, Power-over-Ethernet (PoE)

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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