

# IT-PMC-3010

## 10/100M Ethernet SFP Media Converter

### Features

1. Accord to IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX.
2. MDI/MDI-X auto negotiation, 10M/100M auto negotiation.
3. Supports full /half duplex, Point-to-point transparent transfer.
4. With one SFP slot.
5. Plug-and-play, easy to installation.
6. Can insert to 2U 19", 14 slots Rackmount (power external).



### Introduction

The high performance Fiber Link Ethernet Extenders provide up to 120KM of Ethernet extension over single-mode fiber. The Model 3010 is ideal for campus networks, connecting remote LANs, and facilitating the optical last-mile connection to the metropolitan-area network (MAN) and beyond.

It provides a cost effective plug-and-play solution for long-range 10Base-T or 100Base-TX Ethernet extensions and added benefit of

10/100M auto-negotiation, making it the perfect choice when planning future upgrades of 10Base-T networks. Ethernet Fiber converters are ultra-miniature in size and feature a shielded RJ45 Ethernet jack, SFP style fiber-optic connections. Built-in auto-sensing capabilities enable full or half-duplex Ethernet operation with no configuration required!

### Specifications

**Standards:** comply with IEEE802.1 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3 100Base-FX

RJ45 port rate: 10/100Mbps auto negotiation

Optic port rate: 100Mbps

Working: Asynchronous, point to point

Transfer distance: RJ45port: 100m

Fiber optic: 20, 40, 60, 80, 100, 120km (SM),

2 km (MM) optional

RJ45 port cable: UTP 5E

Fiber connector: LC

Fiber optic cables: Single Mode:8.3/125,8.7/125,9/125 or 10/125 um

Multi-Mode:50/125,62.5/125 um

Wavelength: 850nm, 1310nm, 1550nm

#### Power

Power supply: External 5VDC input

Consumption: 4W

#### Environment

Operating temp:-10°C to 65°C

Storage temperature: -20 to 70°C

Operating humidity: 5% to 95% (no condensation)

#### Appearance

Dimensions: 94.0×71.0×26.0mm (Power External)

Shell: Iron

Color: White

Weight: 230g (power external)

**Warranty: 5 years**

**Approvals: FCC, CE, RoHS approvals**

## Packing List

1. IT-PMC-3010 Ethernet Media Converter×1
2. 5VDC power adapter ×1(Media converter/5VDC, power external)
3. User manual ×1

## Dimensions



## Ordering Informations

### 155M SFP optical modules

<b>IT-35SW25-24</b>	155M dual fiber, multi-mode, SFP, 2km, PECL, 3.3V, LC, 850nm
<b>IT-35SW25-34</b>	155M dual fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-35</b>	155M single fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-44</b>	155M dual fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-45</b>	155M single fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-54</b>	155M dual fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-55</b>	155M single fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-64</b>	155M dual fiber, single-mode, SFP, 60km, PECL, 3.3V, LC, 1310nm
<b>IT-35SW25-74</b>	155M dual fiber, single-mode, SFP, 80km, PECL, 3.3V, LC, 1550nm
<b>IT-35SW25-84</b>	155M dual fiber, single-mode, SFP, 100km, PECL, 3.3V, LC, 1550nm
<b>IT-35SW25-94</b>	155M dual fiber, single-mode, SFP, 120km, PECL, 3.3V, LC, 1550nm