Model3010 Series

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!

Specification

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

                Muti-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. Model3010 series Ethernet Media Converter×1

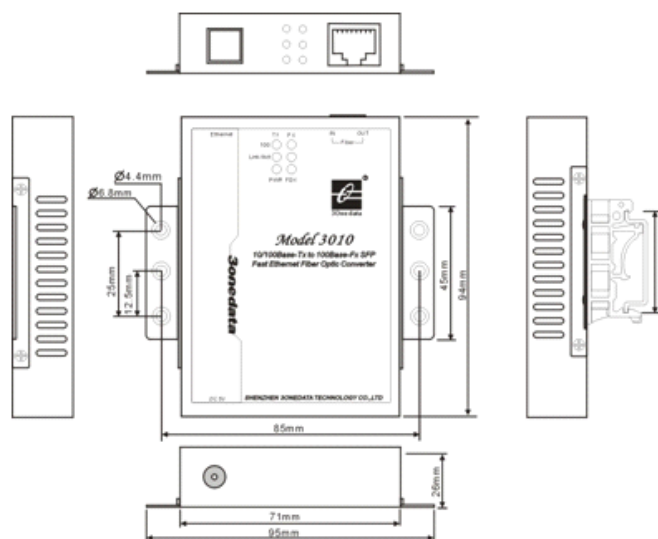2. 5VDC power adapter × 1(Media converter/5VDC, power external)

3. User manual ×1

Quality Link Connections

Dimension

Ordering Information

155M SFP optical modules	
SW3525-24	155M dual fiber, multi-mode, SFP, 2km, PECL, 3.3V, LC, 850nm
SW3525-34	155M dual fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
SW3525-35	155M single fiber, single-mode, SFP, 10km, PECL, 3.3V, LC, 1310nm
SW3525-44	155M dual fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
SW3525-45	155M single fiber, single-mode, SFP, 20km, PECL, 3.3V, LC, 1310nm
SW3525-54	155M dual fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
SW3525-55	155M single fiber, single-mode, SFP, 40km, PECL, 3.3V, LC, 1310nm
SW3525-64	155M dual fiber, single-mode, SFP, 60km, PECL, 3.3V, LC, 1310nm
SW3525-74	155M dual fiber, single-mode, SFP, 80km, PECL, 3.3V, LC, 1550nm
SW3525-84	155M dual fiber, single-mode, SFP, 100km, PECL, 3.3V, LC, 1550nm
SW3525-94	155M dual fiber, single-mode, SFP, 120km, PECL, 3.3V, LC, 1550nm

Quality Link Connections