

Optolinx FCU-3002A-SFP

10/100/1000BaseT to 1000BaseX Combo (SFP) Media Converter

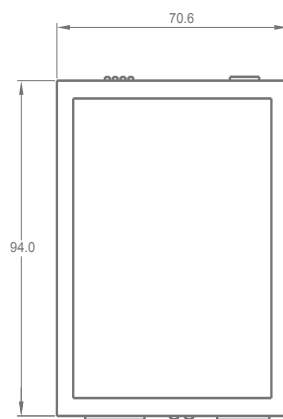


Features

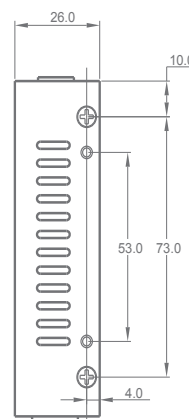
- ▶ Complies with IEEE 802.3/u/ab 10/100/1000BaseT
- ▶ Complies with IEEE 802.3z 1000BaseX
- ▶ Supports Jumbo Frame (9K bytes)
- ▶ Store-and-Forward Switching Mechanism
- ▶ Auto-Crossover for MDI/MDIX in TP Port
- ▶ Auto-Negotiation in TP Port
- ▶ Supports 1 SFP Slot
- ▶ Supports Flow Control
- ▶ Supports Link Alarm
- ▶ Supports Auto & Force Mode Configuration
- ▶ 5-Year Warranty



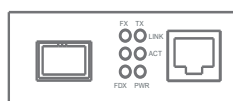
Specifications



Top View



Side View



Panel View



Rear View

► Specifications

Standard

IEEE 802.3z 1000BaseX
IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX
IEEE 802.3ab 1000BaseT
IEEE 802.3x Flow Control

Interface

10/100/1000BaseT: 1 x RJ45 Port
Fiber: 1 x SFP Slot

Wavelength

*See SFP Specifications

Typical Distance

*See SFP Specifications

Minimum TX Power

*See SFP Specifications

Maximum TX Power

*See SFP Specifications

Sensitivity

*See SFP Specifications

Link Budget

*See SFP Specifications

LED

Power, FDX, Status, Speed, FO Link/ACT, TX Link/ACT

MAC Address Table

1 K

Memory Buffer

128 KB

Forward/Filter Rate

10M: 14,880/14,880pps
100M: 148,800/148,800pps
1000M: 1,488,000/1,488,000pps

Power

External Power Supply: DC 5V, 1.5A
50, 60 Hz

Power Consumption

3 Watts

Operation Temperature

0° C to 50° C (32° F to 122° F)

Storage Temperature

-20° C to 60° C (-4° F to 140° F)

Operation Humidity

5% to 90% (Non-condensing)

Mechanical

Casing: IP30 Metal Case
Dimension (W x H x D): 71 x 94 x 26 mm (2.80 x 3.70 x 1.02 inches)
Weight: 0.6 Kg (1.3 lbs)
Installation: DIN-Rail/Wall Mountable

Emission/Safety

FCC Class A, CE

Warranty

5-Year Warranty

► Ordering Information

FCU-3002A-SFP 10/100/1000T - 1000X SFP Media Converter, Standalone Module ***

*** SFP MODULES SOLD SEPARATELY ***

Optional Accessories

SFP-M	SFP Module, Multi-Mode, 550m
SFP-S10	SFP Module, Single-Mode, 10Km
FCU-BK	Mounting Brackets for FCU Modules
DIN-RAIL-KIT	DIN-Rail Mounting Kit

Antaira Technologies

Toll-Free: (877) 229-3665
Phone: (714) 671-9000
FAX: (714) 671-9944

e-Mail: info@antaira.com
Website: <http://www.antaira.com>

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www.antaira.com

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US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660