



Fiber Converters

TFC-110 Series

- Guia de Instalação Rápida [1]
- Solução de problemas [7]

1. Antes de Iniciar

Conteúdo da Embalagem

- Conversor de fibra
- Guia de Instalação Rápida Multilínguas
- Adaptador de Tensão

Se qualquer um dos conteúdos acima estiver faltando, favor contatar o seu revendedor.

Requisitos Mínimos do Sistema

- Um ambiente fresco e seco
- Um ambiente livre de geradores de campo magnético forte (como motores), vibração, poeira e exposição direta ao sol.
- Chassis TFC-1600 (opcional) ou superfície nivelada e que suporte o peso do conversor de fibra.
- Switch Ethernet 100 Mbps
- Cabos de fibra Multi-Modo ou Mono-Modo.
- Cabo Ethernet RJ-45 Cat.5, 5e, 6

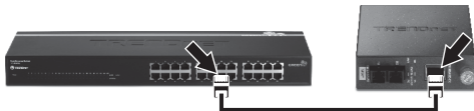
Equipamento opcional

- Rack padrão 19"
- Chassis TFC-1600

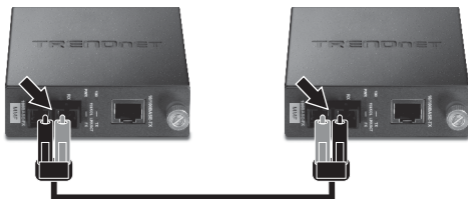
2. Instalação do Hardware

Instalando dois conversores de fibra stand-alone

1. Conecte um cabo RJ-45 da porta Ethernet do conversor de fibra a uma porta Ethernet de seu switch (expl. TE100-S24g).



2. Conecte o cabo de fibra aos conversores de fibra.



3. Conecte o adaptador de tensão na parte de trás do conversor de fibra.



Nota:

1. Para TFC-110MM/MST/MSC/110S15/S15i/S30/S30i/S60/S60i/S100, os cabos TX e RX têm de ser invertidos na conexão de fibra oposta.
2. O TFC-15MS100 converte de fibra multi-modo para mono-modo. Ele pode se conectado a um switch com conexão de fibra multi-modo tipo SC (explo TEG-424WS com módulos de fibra) para ampliar o alcance a até 15 Km com fibra mono-modo.

3. Cabeamento

a. Cabo ótico multi-modo:

TFC-110MSC, TFC-110MST, TFC-110MM

b. Cabo Ótico mono-modo:

TFC-110S15, TFC-110S30, TFC-110S60, TFC-110S100, TFC-110S15i,
TFC-110S30i, TFC-110S60i

c. Cabo Ótico Singelo para

TFC-110S20D3, TFC-110S20D5, TFC-110S40D3, TFC-110S40D5

Instalando Conversor de Fibra no Chassis

1. Desaparafuse a tampa do slot da baía desejada do chassis.



2. Desaparafuse a carcaça de metal e remova o conversor de fibra.



3. Instale o conversor de fibra na baía desejada e reaperte o parafuso.



Sua instalação agora está completa.

3. LEDs e Chaves Dip Switch

LEDs					
LED	Cor	Sequência	Função		
			TFC-110MM/ MST/MSK/ 110S15/S30/ S60/S100/ 20D3/20D5/ 40D3/40D5	TFC-110S15i/ 30i/60i	TFC-15MS100
PWR (Power)	Verde	Estável	Dispositivo alimentado		
	Off	n/a	Dispositivo desligado		
100M	Verde	Estável	Conexão 100/200Mbps (Half/Full Duplex)	n/a	
	Off	n/a	Conexão 10/20Mbps (Half/Full Duplex)	n/a	
FDX/ COL (TX)	Verde	Estável	Conexão na ponta TX em modo full duplex	n/a	
	Verde	Piscando	Detectada colisão de dados	n/a	
	Off	n/a	Conexão na ponta TX em modo half duplex	n/a	
FDX/ COL (FX)	Verde	Estável	Conexão na ponta de fibra em modo full duplex	n/a	
	Verde	Piscando	Detectada colisão de dados	n/a	
	Off	n/a	Conexão na ponta de fibra em modo half duplex	n/a	
LINK/ ACT (TX)	Verde	Estável	Conexão 100/200 Mbps (Half/ Full Duplex) ou Conexão 10/20 Mbps (Half/Full Duplex)	n/a	
	Verde	Piscando	Transmissão/Recepção de Dados em 100/200 Mbps (Half/ Full Duplex) ou 10/20 Mbps (Half/Full Duplex)	n/a	
	Off	n/a	Link desconectado	n/a	

LEDs (contínuo)					
LED	Cor	Sequência	Função		
			TFC-110MM/ MST/MSC/ 110S15/S30/ S60/S100/ 20D3/20D5/ 40D3/40D5	TFC-110S15i/ 30i/60i	TFC-15MS100
LINK/ ACT (FX)	Action	Estável	Conexão 100/200Mbps (Half/Full Duplex) ou Conexão 10/20Mbps (Half/Full Duplex)		n/a
	Green	Piscando	Transmissão/Recepção de Dados em 100/200Mbps (Half/Full Duplex) ou 10/20 Mbps (Half/Full Duplex)		n/a
	Off	n/a	Link desconectado		n/a
LINK/ ACT	Green	Estável	n/a		Conexão 100/200Mbps (Half/Full Duplex) ou Conexão 10/20 Mbps (Half/Full Duplex)
	Green	Blinking	n/a		Transmissão/Recepção de Dados em 100/200 Mbps (Half/Full Duplex) ou 10/20 Mbps (Half/Full Duplex)
	Off	n/a	n/a		Link desconectado
FAIL (TX)	Green	Estável	n/a	Link TX desconectado	n/a
	Off	n/a	n/a	Link TX conectado	n/a
FAIL (FX)	Verme-lho	Estável	n/a	Link de Fibra desconectado	n/a
	Off	n/a	n/a	Link de Fibra conectado	n/a

1. Após conectar o conversor de fibra, os LEDs não acenderam. O que devo fazer?

1. Certifique-se de que a tomada elétrica está energizada.
2. Certifique-se de que o adaptador de tensão está adequadamente conectado ao conversor e à tomada.
3. Certifique-se de que os cabos Ethernet e de Fibra estão conectados.

2. Todos os LEDs estão acesos, mas eu não consigo conexão. O que devo fazer?

1. Certifique-se de estar utilizando o cabo apropriado (isto é, cabo de fibra multi-modo para conversor multi-modo, cabo de fibra mono-modo para conversores mono-modo).
2. Certifique-se de que os cabos TX e RX estão invertidos na conexão de fibra oposta (TFC-110MM, TFC-110MSC, TFC-110MST, TFC-110S15, TFC-110S30, TFC-110S60, TFC-110S100, TFC-110S15i, TFC-110S30i, TFC-110S60i).
3. Desligue os conversores de fibra e os switches. Aguarde 15 segundos e então religue os switches e os conversores.

3. Qual a distância máxima suportada pelo conversor de fibra?

Favor recorrer à seção 4 para informações sobre alcances.

Se você ainda encontrar problemas ou tiver alguma pergunta referente a Conversores de Fibra, favor entrar em contato com o Departamento de Suporte Técnico da Trendnet.

Declaration of Conformity



Company Information:

Company Name:
TRENDnet, Inc.

Company Address:
20675 Manhattan Place
Torrance, CA 90501
USA



Product Information:

Product Description:
100Base-TX to 100Base-FX Fiber Converter

Model Number:
TFC-110MSC, TFC-110MST, TFC-110MM, TFC-110S15, TFC-110S30,
TFC-110S60, TFC-110S100, TFC-110S30i, TFC-110S60i, TFC-110S20D3,
TFC-110S20D5, TFC-110S40D3, TFC-110S40D5, TFC-15MS100

Brand name:
TRENDnet

Technical Standards:

EN 55022 : 2006 Class A
EN 61000-3-2 : 2006 Class A
EN 61000-3-3 : 1995 + A1 : 2001 + A2 : 2005
EN 55024 : 1998 + A1 : 2001 + A2 : 2003

Declaration:

The product is herewith confirmed to comply with the requirements of Directive 2004/108/EC of the Council (European Parliament) on the EMC directive and Energy-related products Directive 2009/125/EC.

I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.

Sonny Su

Full Name

May 27, 2011

Date

Director of Technology

Position / Title

Signature

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

Fiber Converters– 3 Years Limited Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry a 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at <http://www.trendnet.com/register>

Certifications

This equipment has been tested and found to comply with FCC and CE Rules.
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



This Class-A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe-A est conforme à la norme NMB-003 du Canada.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

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