



Fiber Converters

TFC-1000 Series

- Anleitung zur Schnellinstallation [1]

1. Bevor Sie anfangen

Packungsinhalt

- Glasfaserkonverters
- Mehrsprachige Installationsanleitung
- Netzteil

Wenn keiner der oben genannten Inhalte fehlen, wenden Sie sich an Ihren Fachhändler.

Mindestanforderungen

- Ausreichend kühle und trockene Umgebung
- Abwesenheit von starken Quellen elektromagnetischer Felder (wie Motoren), Vibrationen, Staub und direkter Sonneneinstrahlung
- TFC-1600-Gehäuse (optional) oder feste, ebene Oberfläche, die das Gewicht des Konverters tragen kann
- 1000Mbps Gigabit Ethernet Switch
- Multi- oder Einzelmodus-Glasfaserkabel
- Kat. 5 oder Kat. 6 RJ-45-Ethernetkabel

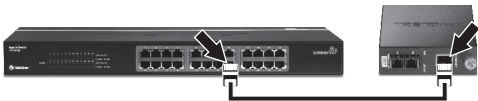
Optionale Geräte

- Standardmäßiges 19"-Gestell
- TFC-1600-Gehäuse
- Mini-GBIC-Modul (z.B. TEG-MGBSX, TEG-MGBS10, TEG-MGBS40, TEG-MGBS80, TEG-MGBS10D35, TEG-MGBS40D35) für Mini-GBIC-Steckplätze (nur TFC-1000MGB/TFC-1000MGA)

2. Installation der Hardware

Installation eigenständiger Glasfaserkonverter

1. Verbinden Sie den Ethernet-Port des Glasfaserkonverters über ein RJ-45-Ethernetkabel mit einem Ethernet-Port Ihres Umschalters (z.B. TEG-S24Dg).



2. Verbinden Sie den Glasfaserkonverter mit einem Glasfaserkabel.



3. Verbinden Sie das Netzteil mit der Buchse auf der Rückseite des Konverters.



Hinweis:

1. Bei TFC-1000MSC / S20/ S50 / S70 müssen die Sende- (TX) und Empfangs-(RX) Kabel an der entgegengesetzten Glasfaser Verbindung vertauscht werden.
2. Kabel
 - a. Multimodus-Glasfaserkabel: TFC-1000MSC, TFC-1000MGB/TFC-1000MGA mit Modul TEG-MGBSX
 - b. Einzelmodus-Glasfaserkabel: TFC-1000S20, TFC-1000S50, TFC-1000S70, TFC-1000MGB/TFC-1000MGA mit Modul TEG-MGBS10/TEG-MGBS40/TEG-MGBS80
 - c. Einzelsträngiges Glasfaserkabel: TFC-1000S10D3, TFC-1000S10D5, TFC-1000S40D3, TFC-1000S40D5, TFC-1000MGB/TFC-1000MGA mit Modul TEG-MGBS10D35/TEG-MGBS40D35

Installation der Glasfaserkonverter in einem Gehäuse

1. Schrauben Sie die Abdeckung des entsprechenden Gehäuseteils ab.



2. Lösen Sie die Schraube und nehmen Sie den Glasfaserkonverter aus dem Metallgehäuse



3. Schieben Sie den Medienkonverter in einen freien Steckplatz und ziehen Sie die Schraube wieder an.



Ihre Installation ist beendet!

3. LEDs und DIP-Schalter

LEDs

LED	Farbe	Sequenz	Funktion
PWR (Stromversorgung)	Grün	leuchtet	Gerät eingeschaltet
	Aus		Gerät ausgeschaltet
LINK/ACT	Grün	leuchtet	2000 MBit/s (voll duplex) verbunden (pro Port)
	Grün	Blinking	2000 MBit/s (Voll duplex) Datenübertragung/-empfang (pro Port)
	Aus		Die Verbindung ist unterbrochen

DIP-Schalter

Schalter	Vorgang	Funktion
1	Ein	TX Forced Mode (Erzwungener Modus)
	Aus	TX Auto-Negotiation
2	Ein	LLR Enable (Aktivieren)
	Aus	LLR Disable (Deaktivieren)

Hinweis:

1. Schalten Sie den Glasfaserkonverter nach der Änderung der DIP-Schalterstellungen aus und wieder ein.
2. LLR bedeutet „Link Loss Return“ (Rückgabe des Verbindungsverlusts). Wenn LLR aktiviert ist, schaltet sich der Sender des Glasfaserports aus, sobald sein Empfänger keine gültige Empfangsverbindung erkennt. Bei fehlerhaften optischen Leitern gibt die Karte einen Verbindungsfehler zum jeweils angeschlossenen Gerät aus. Mit LLR lassen sich ausschließlich Verbindungsprobleme an Glasfaseranschlüssen erfassen. Wenn LLR an einem Glasfaserkonverter aktiviert ist, muss die Funktion am damit verbundenen Gerät deaktiviert sein.

Declaration of Conformity



Company Information:

Company Name:
TRENDnet, Inc.

Company Address:
20675 Manhattan Place
Torrance, CA 90501
USA

Product Information:

Product Description:
1000Base-TX to 1000Base-SX/LX Fiber Converter

Model Number:
TFC-1000MSC, TFC-1000S20, TFC-1000S50, TFC-1000S70
TFC-1000MGB, TFC-1000MGA, TFC-1000S10D3,
TFC-1000S10D5 1000S40D3, TFC-1000S40D5

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.

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Product Warranty Registration

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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.



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