



Fiber Converters

TFC-1000 Series

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1. Enne alustamist

Pakendi sisu

- Fiiberkonverteri
- Mitme keelne lühike paigaldusjuhend
- Toiteplokk

Kui ükskõik milline eespool sisu on puudu, võtke palun ühendust oma edasimüüjaga

Miinum nõuded

- Keskkond, mis on üpris jahe ja kuiv
- Keskkond, mis on vaba tugevatest elektromagnetilistest väljadest (näiteks, elektrimootoritest), vibratsioonist, tolmust ja otsesest päikesevalgusest
- TFC-1600 raamistik (valikuline) asetada tasasele ja vastupidavale alusele, mis suudab toetada fiiberkonverterite raskust.
- 1000Mbps Gigabit Ethernet Switch
- Multi-mode või Single-mode fiiberkaablid
- Cat. 5e, 6 RJ-45 Etherneti kaablid

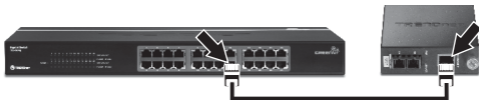
Lisavarustus

- EIA standardne 19" seadmekapp
- TFC-1600 raamistik
- Mini-GBIC moodul (näiteks TEG-MGBSX, TEG-MGBS10, TEG-MGBS40, TEG-MGBS80, TEG-MGBS10D35, TEG-MGBS40D35) Mini-GBIC pesasse (ainult TFC-1000MGB/TFC-1000MGA)

2. Riistvara paigaldamine

Kahe eraldiseisva fiiberkonverteri paigaldamine

1. Ühendage RJ-45 Etherneti kaabel fiiberkonverteri Etherneti pordist mõne teie switchi (näiteks TEG-S24Dg) Etherneti porti.



2. Ühendage fiiberkaabel fiiberkonverteriga.



3. Ühendage toiteplokk fiiberkonverteri taha.



Märkus:

1. TFC-1000MSC / S20/ S50 / S70 konverteritel, peavad TX ja RX kaablid olema teisel pool vastupidiselt.
2. Kaabeldus
 - a. Multi-Mode optiline kaabel: TFC-1000MSC, TFC-1000MGB koos TEG-MGBSX mooduliga
 - b. Single-Mode optiline kaabel: TFC-1000S20, TFC-1000S50, TFC-1000S70, TFC-1000MGB/TFC-1000MGA koos TEG-MGBS10/TEG-MGBS40/TEG-MGBS80 mooduliga
 - c. Ühekiuline optiline kaabel : TFC-1000S10D3, TFC-1000S10D5, TFC-1000S40D3, TFC-1000S40D5, TFC-1000MGB/TFC-1000MGA koos TEG-MGBS10D3/TEG-MGBS10D5/TEG-MGBS40D3/TEG-MGBS40D5 mooduliga

Fiiberkonverteri paigaldamine šassiisse

1. Kruvige šassiil soovitud kohas lahti kateplaat.



2. Keerake fiiberkonverteri küljest lahti kinnituskrugi ja eemaldage metallist kate.



3. Asetage meedikonverter vabasse pesasse ja kinnitage kruviga.



Paigaldamine on lõppenud.

3. LEDid ja DIP lülitid

LEDid			
LED	Värv	Jada	Funktsioon
PWR (Power)	Roheline	Pidev	Seade on sisse lülitatud
	Väljas	Väljas	Seade on välja lülitatud
LINK/ ACT	Green	Pidev	2000Mbps (Full Duplex) ühenduses (pordi kohta)
	Roheline	Vilgub	2000Mbps Full Duplex Andmete edastamine või vastuvõtmine (pordi kohta)
	Väljas	Väljas	Link on katkestatud

DIP lülitid		
lülit	Tegevus	Funktsioon
1	Sees	TX Forced Mode
	Väljas	TX Auto-Negotiation
2	Sees	LLR Enable
	Väljas	LLR Disable

Märkus:

1. Peale DIP lülite asendite muutmist tehke fiiberkonverterile algaadimine.
2. LLR tähendab Link Loss Return (kaotatud lingi tagastamine). Kui LLR on lubatud, siis fiiberportide saatja lülitub välja, kui ei suudeta avastada töötavat saatjaühendust. Kui üks optilistest ühendustes on halb ja kaardil on LLR lubatud, siis antakse teada, et puudub ühendus teise poolega. LRR võimaldab avastada vaid fiiberoptika pordi ühenduse probleeme. Kui LLR on sisselülitatud ühes fiiberkonverteris, siis teise poole fiiberkonverteris on vaja LRR ära keelata.

4. Technical Specifications

Power Budget

Model Number	Media	Connectors	Wavelength	Optical Output Power (dBm)		Optical Input Power (dBm)		Power	Distance
				Min.	Max.	Min. (Sensitivity)	Max.	Budget	
TFC-1000MSC	MMF	RJ-45/SC (Duplex)	850nm	-9.5	-4	-12.5	-13.5	7.5	220m (62.5/125µm) cable 550m (50/125 µm) cable
TFC-1000S20	SMF	RJ-45/SC (Duplex)	1310nm	-9.5	-3	-20	-3	11.5	20km
TFC-1000S50	SMF	RJ-45/SC (Duplex)	1550nm	-4	1	-23	-3	19	50km
TFC-1000S70	SMF	RJ-45/SC (Duplex)	1550nm	0	5	-24	-3	24	70km
TFC-1000S10D3	SMF	RJ-45/SC- (Simplex)	TX-1310nm/ RX-1550nm	-9	-3	-21	-3	12	10km
TFC-1000S10D5	SMF	RJ-45/SC- (Simplex)	TX-1550nm/ RX-1310nm	-9	-3	-21	-3	12	10km
TFC-1000S40D3	SMF	RJ-45/SC- (Simplex)	TX-1310nm/ RX-1550nm	-7	-2	-23	-2	16	40km
TFC-1000S40D5	SMF	RJ-45/SC- (Simplex)	TX-1550nm/ RX-1310nm	-7	-2	-23	-2	16	40km

1. Peale fiiberkonverteriga ühendamist ei hakka LEDid helenduma. Mida ma peaksin tegema?

1. Kontrollige, et pistikupesas on voolu.
2. Veenduge, et toiteplokk on kindlalt ühendatud fiiberkonverteri ja pistikupesaga.
3. Veenduge, et Ethernet ja fiiberkaablid on ühendatud.

2. Kõik LED'id helenduvad, aga ma ei saa ühendust. Mida ma peaksin tegema?

1. Veenduge, et te kasutate õiget fiiberkaablit (nt, mitme multi-mode fiiberkaabel multi-mode konverteriga; singel-mode fiiberkaabel singel-mode konverteriga).
2. Veenduge, et TX ja RX kaablid on teises fiiberühenduses vastupidiselt ühendatud (TFC-1000MSC, TFC-1000S20, TFC-1000S50, TFC-1000S70).
3. Lülitage fiiberkonverterid ja switchid välja. Oodake 15 sekundit ja siis ühendage switchid ja fiiberkonverterid tagasi.

3. Mis on maksimaalne kaugus, mida fiiberkonverter toetab?

Palun tutvuge 4. osas vahemaa andmetega.

Kui teil endiselt esineb probleeme või on küsimusi fiiber konverteri kohta, siis palun võtke ühendust TRENDneti tehnilise toe osakonnaga.

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

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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

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.



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