

Fiber Converters

TFC-1000 Series

• Руководство по быстрой установк (1)

1. Что нужно сделать в самом начале

Содержимое упаковки

- Волоконый преобразователь
- Руководство по быстрой установке на нескольких языках
- Блок питания

Если любой из выше содержание отсутствует, пожалуйста, обратитесь к поставщику.

Минимальные требования

- Достаточно прохладное и сухое место
- Место, в котором отсутствуют источники электромагнитных полей (напр., двигатели), вибрация, пыль, и куда не проникает прямой солнечный свет
- Шасси TFC-1600 (дополнительно) или устойчивая, ровная поверхность, выдерживающая вес волоконного преобразователя.
- Коммутатор Gigabit Ethernet 1000 Мбит/с
- Волоконные кабели многомодовые или одномодовые
- Сетевой кабель RJ-45 Ethernet категории 5е или 6

Опционное Оборудование

- 19" стойка стандарта
- Шасси TFC-1600
- Модуль Mini-GBIC (напр., EG-MGBSX, TEG-MGBS10, TEG-MGBS40, TEG-MGBS80, TEG-MGBS10D35, TEG-MGBS40D35) для гнезд Mini-GBIC (только TFC-1000MGB/TFC-1000MGA)

2. Установка оборудования

Установка 2 отдельных преобразователей

1. Подключите кабель RJ-45 Ethernet от порта Ethernet на преобразователе к порту Ethernet на коммутаторе (напр., TEG-S24Dg).



2. Присоедините волоконный кабель к преобразователю.



3. Присоедините силовой адаптер к задней панели преобразователя.



Примечание:

- 1. Для устройства TFC-1000MSC / S20/ S50 / S70 кабели ТХ и RX на разных концах соединения подключены в обратном порядке.
- 2. Кабели
 - а. Многомодовый оптический кабель: TFC-1000MSC, Устройство TFC-1000MGB/TFC-1000MGA с модулем TEG-MGBSX
 - b. Одномодовый оптический кабель: TFC-1000S20, TFC-1000S50, TFC-1000S70, Устройство TFC-1000MGB с модулем TEG-MGBS10/ TEG-MGBS40/TEG-MGBS80
 - с. Одножильный оптический кабель: TFC-1000S10D3, TFC-1000S10D5, TFC-1000S40D3, TFC-1000S40D5, Устройство TFC-1000MGB/ TFC-1000MGA с модулем TEG-MGBS10D35/TEG-MGBS40D35

Установка преобразователя в шасси

1. Отверните винты на крышке нужного отсека шасси.



2. Отверните винт с накатной головкой и снимите волоконный преобразователь с металлического корпуса



3. Задвиньте преобразователь носителей в имеющееся гнездо и заверните винт с накатной головкой



Установка завершена.

3. Световые индикаторы и DIP-переключатели

CRATO	DRILLE	инли	каторы

Световые индикаторы	Цвет	Последовательность	Функция		
PWR	Зеленый	Горит постоянн о	Питание включено		
Выключено Питание выкл		Питание выключено			
LINK/ACT	Зеленый	Горит постоя нно	2000 Мбит/с (дуплексный режим)		
	Зеленый	Мигание	2000Мбит/с (дуплексный режим) Хорошее качество соединения		
	Выключено		Линия связи отключена		

DIP-переключатели (двухпозиционные переключатели)

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Переключатель	Действие	Функция			
1	Вкл	TX Forced Mode (Вынужденный режим)			
	Выключено	TX Auto-Negotiation (Автосогласование)			
2	Вкл	LLR Enable (Включить)			
	Выключено	LLR Disable (Отключить)			

Примечание:

- После изменения настроек DIP-переключателя, выключите и включите волоконно-оптический преобразователь.
- 2. Аббревиатура LLR обозначает Link Loss Return (Возврат потери соединения). Когда функция LLR включена, передатчик волоконно-оптического порта отключается в том случае, если его приемник не может выявить действующую принимающую линию связи. Если один из оптических проводников вышел из строя, карта со включенной функцией LLR возвращает сигнал об отсутствии линии связи своей паре. Функция LLR используется только для выявления проблем соединения с волоконно-

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

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 auidelines.

Sonny Su	Director of Technology			
Full Name	Position / Title			
May 27, 2011	_longe			
Date	Signatore			

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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Certifications

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

- 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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> TRFNDnet. 20675 Manhattan Place Torrance, CA 90501, USA