



## 1000BASE-T to Dual SFP Fiber Media Converter with Redundant Mode

TFC-G21SFP (v1.xR)

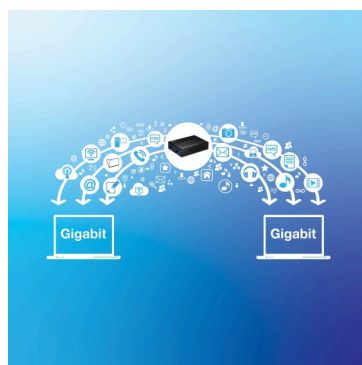
- 1 x Gigabit RJ-45 port
- 2 x Gigabit SFP ports
- Redundant SFP uplink
- SFP ports accommodate multimode or single-mode modules
- Auto-MDIX RJ-45 port supports full-duplex mode
- Functions as a standalone converter
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's compact 1000BASE-T to Dual SFP Fiber Media Converter with Redundant Mode, model TFC-G21SFP, converts a 1000BASE-T (Copper 1Gbps) Ethernet connection to two 1G BASE-SX/LX (Fiber) SFP media connection, and vice versa. The 1000BASE-T RJ-45 port on the SFP transceiver supports a full-duplex 1Gbps connection at wire speed. The dual SFP ports allow for uplink redundancy if a link on one of the SFP ports fails. The SFP ports support both multimode (SX) or single-mode (LX) SFP modules.



## Dual SFP Ports

Dual SFP ports on the fiber-to-Ethernet converter allows for redundant fiber uplinks.



## Gigabit Speed

Equipped with a Gigabit RJ-45 Ethernet port and dual gigabit SFP ports.



## Compact

Compact and lightweight metal housing design provides greater installation flexibility.

## FEATURES



### Gigabit Ethernet

1 x 1Gbps Ethernet port



### Dual Gigabit SFP

2 x 1Gbps SFP ports



### Fanless

Fanless design on the dual SFP media converter lowers energy consumption and eliminates operating noise



### Compact Design

Small, compact, and lightweight metal housing of the redundant SFP+ converter provides greater installation flexibility



### LED Indicators

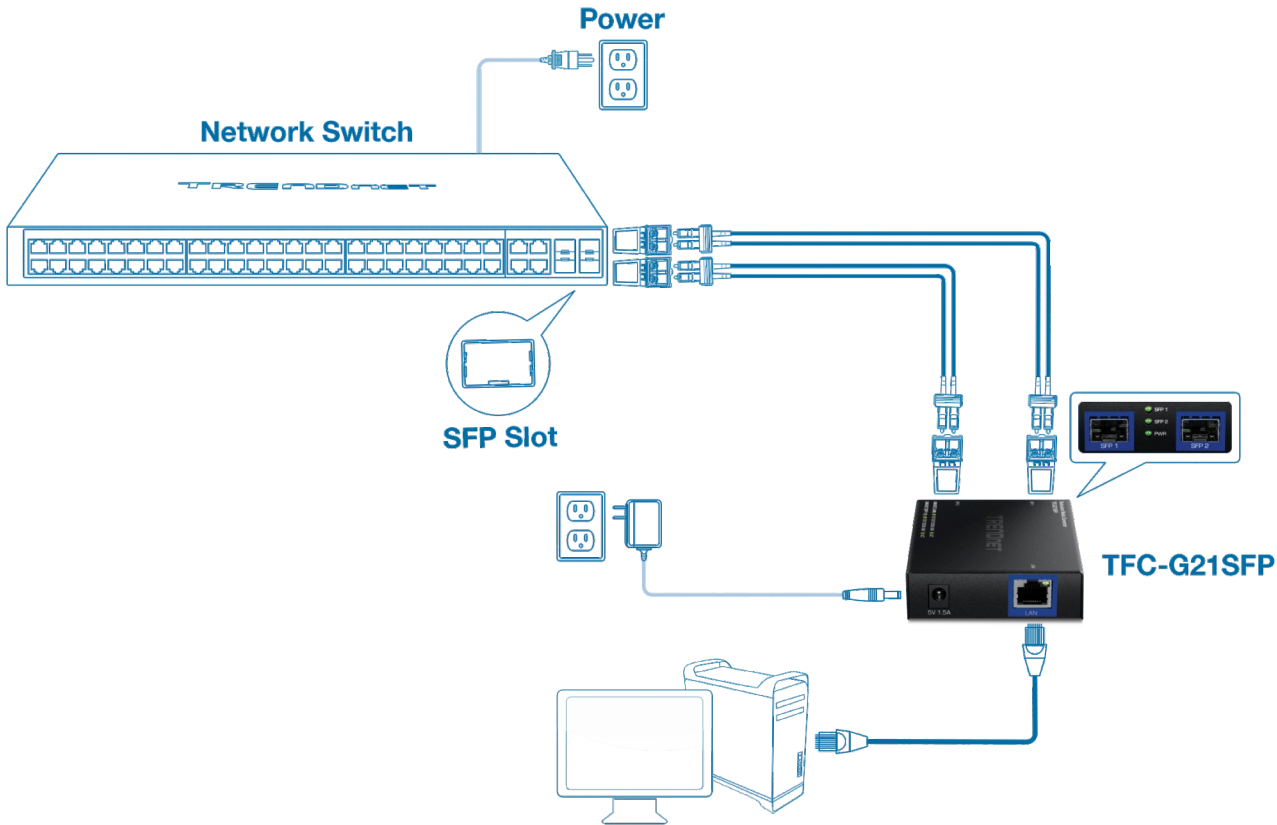
LED indicators on the copper-to-fiber converter convey port status



### SFP Support

The dual SFP media converter is compatible with multi-mode and single mode transmissions

NETWORKING SOLUTION



## SPECIFICATIONS

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3ab
- IEEE 802.3az

### Device Interface

- 1 x Gigabit RJ-45 port (10/100/1000Mbps)
- 2 x Gigabit SFP ports (100/1000Mbps)
- LED indicators

### Data Transfer Rate

- Ethernet: 10Mbps (half duplex) 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex) 200Mbps (full duplex)
- Gigabit: 2Gbps (full duplex)
- 100Mbps SFP: 200Mbps (full duplex)
- Gigabit SFP: 2Gbps (full duplex)

### Performance

- Jumbo Frames: 9KB

### Special Feature

- Redundant mode for SFP connection

### Power

- Input: 100 – 240V AC, 50/60 Hz
- Output: 5V DC, 1.5A
- Max. Consumption: 3.3W

### Fan/Acoustics

- Fanless design

### MTBF

- 780,000 hours @ 25° C

### Operating Temperature

- 0° – 50° C (32° – 122° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions (L x W x H)

- 101 x 75 x 22.6mm (3.97 x 2.95 x 0.89 in.)

### Weight

- 202g (0.45lbs)

### Certifications

- CE
- FCC
- LVD

### Warranty

- 3-year

### Package Contents

- TFC-G21SFP
- Power adapter (5V DC, 1.5A)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.