
10/100/1000BASE-T Copper SFP



The 10/100/1000BASE-T Copper SFP Transceiver is small form factor pluggable transceiver. They are compatible with SFF-8074i Multi- Sourcing Agreement (MSA) and comply with Gigabit Ethernet standard as specified in IEEE Std 802.3. They are compliant with RoHS and lead-free per Directive 2002/95/EC. The physical layer IC (PHY) can be accessed via I2C bus, allowing access to all PHY settings and features.

The 10/100/1000BASE-T Copper SFP Transceiver is SGMII interface copper SFP with 10/100/1000BASE-T auto-negotiation enabled default,support TX-Disable.

More Details([DS070013](#))

Part No.	Data Rate	Distance ^{*Note1}	Interface	
TCS-GEM1-01NCR	10M 100M 1000M	100m	RJ45	
TCS-GEM1-01NIR	10M 100M 1000M	100m	RJ45	

Features:

- Operating data rate up to 1.25 Gbps
- Compact RJ-45 connector assembly
- Single 3.3V power supply and Low power dissipation
- Hot Pluggable
- 10/100/1000 BASE-T operation in the host systems with SGMII interface
- Support TX-Disable
- RoHS Compliant and Lead-Free
- Metal with lower EMI and excellent ESD performance
- ST: 0 ~ +70 deg C

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- IT: -40 ~ +85 deg C

Applications:

- Switch to Switch interface
- Switch backplane applications
- File sever interface

Product link : <https://www.trixontech.com/tcs-gem1-01nir.html>