



ASF85-24-X2-D

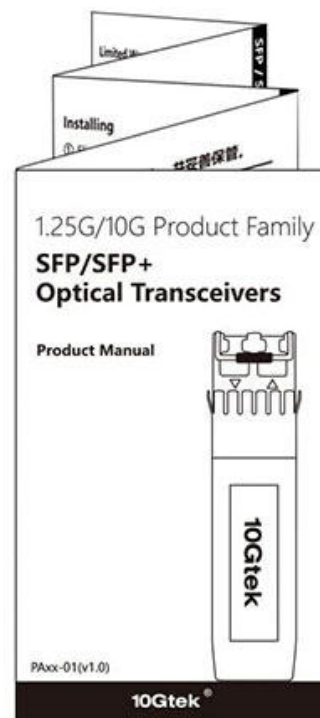
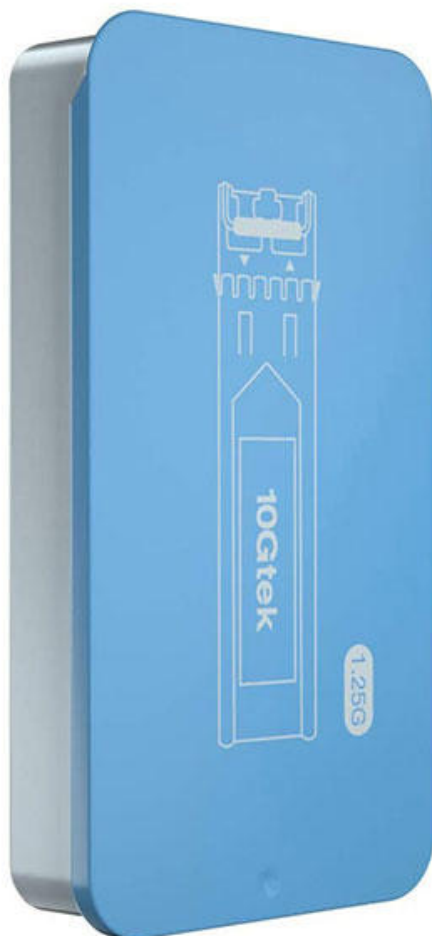
10Gtek's ASF85-24-X2-D is a 1.25Gbps SFP transceiver supporting up to 550 meters transmission over OM3 MMF Fiber, following IEEE 802.3ab and SFP MSA 1000Base-SX. The SFP transceiver consists of VCSEL laser TOSA, PIN (tia) ROSA, Driver IC and eeprom I2C unit.

Features:

- 1000Base-SX
- Data Rate: 1.25Gb/s
- Interface: Dual LC connectors
- 850nm VCSEL Laser Transmitter
- 550 meters transmission over OM3 MMF Cable
- Single 3.3V Power and TTL Logic Interface
- Hot-Pluggable SFP Footprint
- Compliant with IEEE 802.3ab
- Compliant with SFP MSA
- With DDM/DOM
- Temp. Range(°C): 0~70

Applications:

- Gigabit Ethernet
- Fiber Channel
- Other Optical Links





10Gtek®

What is Gigabit Transceiver?

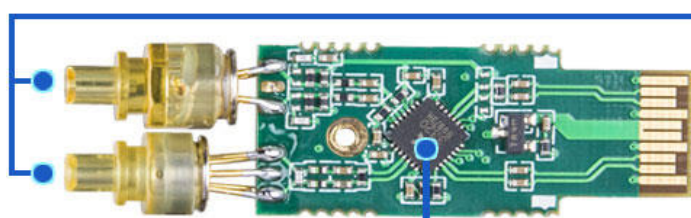
A Gigabit transceiver is an optoelectronic device that performs photoelectric conversion on network transmission protocols such as Gigabit Ethernet and Fiber Channel. It is commonly used in switches, routers, servers etc. Its interface can be divided into optical port and electrical port.

1000Base-T

1000Base-SX

1000Base-LX

1000Base-ZX



VCSEL TOSA

VCSEL laser transmitter, main spec. is Power.

ROSA

PIN photo-detector, main spec. is Sensitivity.

DRIVER CHIP

The Driver chip controls the input signal.
The Limiting Amplifier chip detects and identifies signals at corresponding data rates.

EEPROM

I2C interface used for monitor and control;
accessing identification info. in memory map.

10Gtek®

We are a professional optical module manufacturer.



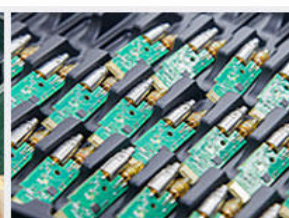
TOSA



Firmware Loading



Soldering



Assembly



Testing



Cleaning



Cleaning



Aging Test



10Gtek[®]

About Compatibility

Due to the exclusiveness, many brands switches are reluctant to let customers choose the third-party transceiver, Therefore, they set a password for it. If the information does not match the one preset by the switch's IOS, it'll not be recognized or show "this is not a supported transceiver".

10Gtek provides free-coding service. By writing the specific code with password, and testing products on related switches, to ensure product's compatibility and reliability.

【Disclaimer】

1. 10Gtek's cables and transceivers can meet compatibility requirements, These cables and transceivers are third-party products.

2. "Compatibility" means working with many brand's switches without identification problems.

The issue about Product Compatibility is extremely complex. It may influenced by many factors such as the IOS Version, platform difference etc., We're trying our best to update the compatibility in time, but we can't guarantee the information displayed 100% consists with Original brand's information.

10Gtek suggest you consult customer service or do product testing before bulk purchasing, to insure the compatibility and applicability of products.

