SFP MODULES

1000 Base-T SFP module, 3.3V/5V 100m UTP5 Cat 5

ST-2805-FA

Over View

1000BASE-T copper SFP transceiver is high performance, cost effective module compliant with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE 802, 3-2002 and IEEE 802.3ab, which supporting 1000Mbps data-rate up to 100 meters reach over unshielded twisted-pair category 5-cable

Spiktel Technology SFP transceiver is a plug-in module and it is hot-swappable. It allows for seamless integration of fiber with copper LAN connections wherever SFP interface slots are available. Such device is economical, it saves time, offers flexibility and eliminates the necessity for replacing entire devices when the customers need to change or upgrade fiber connections.

The SFP (Small Form Factor Pluggable) transceivers is compliant with SFP MSA (Multi-Source Agreement) and SFF-8472. All modules satisfy Class I Laser Safety requirements in accordance with the international IEC-825 standards

The transceiver operates from a single +3.3V power supply over an operating temperature range of 0 to +70C. The transceiver uses the SFP 20-pin connector to allow hot plug capability. Detailed product information in EEPROM and digital diagnostic monitoring is offered

Spiktel

◆IEEE   CE

SFP MODULES

Features

1.25 gigabyte Ethernet over cat 5-cable
Switch, router to switch, router link
High speed I/O for file severs
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The SFP Copper Module supports 1,000 Mbps full duplex data-links with 5-level pulse amplitude modula-tion (PAM) signals
All four pairs in the cable are used with symbol rate at 250Mbps on each pair
The SFP copper module provides standard serial ID information compliant with SFP MSA, which can be accessed with address of A0h via the 2-wire serial CMOS EEPROM protocol The physical IC can also be accessed via 2-wire serial bus at address ACh
Qualified to meet the intent of Bellcore reliability practices
Compliant with SFP MSA specification and SFF-8472
Links of narrow, intermediate or long reach with single or Multi-mode fiber
DMI feature on request

Applications:

* **ATM**
* **SONET/SDH/PDH**
* **FDDI**
* **Fiber Channel**
* **CWDM**

Specifications:

1000 Base-T SFP module, 3.3V/5V 100m UTP5 Cat 5. 1, 1.25G, RJ connector.

Ordering Informations: ST-2805-FA

1	1000 Base-T SFP module, 3.3V/5V 100m UTP5 Cat 5. 1, 1.25G, RJ connector.
2	10/10/1000 Base-T SFP module, 3.3V/5V 100m UTP5 Cat 5. 1, 1.25G, RJ connector (Autosensing)