



UT-903T-XX



OPTICAL TRANSCEIVER

1.25G SFP COPPER TRANSCEIVER

Scope of Application

The LINK SFP transceivers (SFP is also called "mini-GBIC") are high performance, cost effective modules which is the best for all LINK Media Converters, all LINK Switches and can be compatible with other brands.

LINK UT-903T, 1G SFP Copper transceivers is module compliant with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE 802.3-2002, IEEE 802.3u and IEEE 802.3ab, which supporting 1000Mbps data-rate up to 100 meters reach over unshielded twisted-pair category 5e cable or better.

The module supports 1000Mbps full duplex data-links with 5-level Pulse Amplitude Modulation (PAM) signals. All four pairs in the cable are used with symbol rate at 250Mbps on each pair. The 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 A0h.

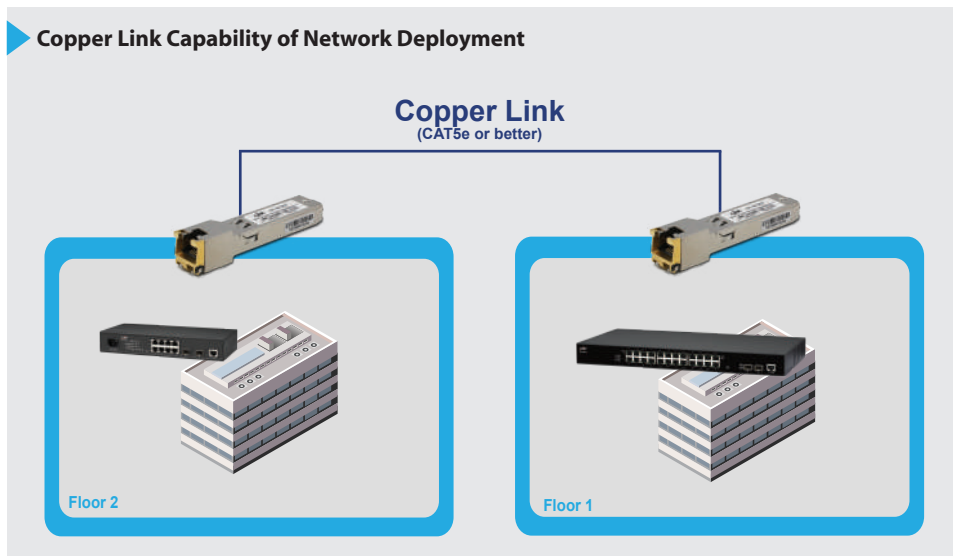
LINK SFP transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP port without having to power down the Media Converter/Switch.

Features Highlight

- Compliant with IEEE802.3ab Gigabit Ethernet standard
- Up to 1Gbps data link
- Industry standard small form-factor pluggable (SFP) package
- Compliant with Multi-Source Agreement (MSA)
- 10/100/1000Mbps compliant in host systems with SERDES interface
- Compact RJ45 connector assembly
- Single power supply 3.3V
- Fully metallic enclosure for low EMI
- Hot-Pluggable
- Low power dissipation (1.05 W typical)
- Access to physical layer IC via 2-wire serial bus
- Operating temperature from 0C to 70C
- Plug and Play Installation
- RoHS Compliant

Applications

- Gigabit Ethernet
- Switch to Switch interface
- Media Converter to Switch interface
- Media Converter to Media Converter interface
- Network Storage
- Router/Server interface
- Switched backplane applications
- 1000Base-T





Technical Data

Standards	
IEEE 802.3ab	1000Base-T
Data Link	
Data Rate	10/100/1000Mbps
Max. Distance	100m
Mechanical and Environment	
Form Factor	SFP SERDES
Connector	RJ45
DDMI/DOM	N/A
Power Supply Voltage	3.3V
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	10% to 95% RH (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)
Compatible List	Alcatel, Allied Telesis, Arista, Aruba, Avaya, Brocade,
	Cisco, Cisco Meraki, Dahua, Dell, Delta, D-Link,
	Ericsson, Extreme, Fiberhome, Fortinet, H3C,
	Hikvision, Hirschmann, HP/HPE, Huawei, IBM,
	INTEL, Juniper, Linksys, Mellanox, MikroTik, Moxa,
	Netgear, Nokia, Nortel, Palo Alto, QNAP, Ruckus,
	Ruijie, Sophos, Synology, TP-Link, Ubiquiti, ZTE,
	Zyxel, etc.

Certifications	
EMI	FCC Part 15 of Class B & CE Approved
Green Product	RoHS
Ordering Information	
UT-903T-XX	1.25G SFP RJ45 10/100/1000Base-T 100m

Note :

* Specifications subject to change without notice.

* XX is code of transceiver as requested from compatible list.

LC = LINK-Cisco	CN = Ciena	IB = IBM
HP = Hewlett Packard	DL = Dell	IT = INTEL
AB = Aruba	ES = Ericsson	JP = Juniper
AA = Adva/Adtran	ET = Extreme	MN = Mellanox
AL = Alcatel-Lucent	FN = Fortinet	NK = Nokia
AT = Arista	HC = H3C	SM = Siemens
AY = Avaya	HM = Hirschmann	ZT = ZTE
BC = Brocade	HW = Huawei	

Drawing

