



## UT-910T-XX



# OPTICAL TRANSCEIVER

10G SFP+ RJ45/10GBASE-T TRANSCEIVER

## Scope of Application

LINK UT-910T-XX is 10GBASE-T Copper Enhanced Small Form-factor Pluggable (SFP+) transceiver is high performance, cost effective module compliant with the 10 Gigabit Ethernet and 10GBASE-T standards as specified in IEEE 802.3-2015 and IEEE 802.3an, which supporting 10Gbps data-rate up to 30 meters reach over shielded twisted-pair category 6A cable or better.

The module supports 10Gbps full duplex data-link, interoperability with legacy Ethernet equipment auto-negotiation is of particular significance as it enables data center expansions and expenditures to occur incrementally. The added benefit is that it uses standards based technology that uses the familiar RJ45 connector and provides backward compatibility with legacy networks.

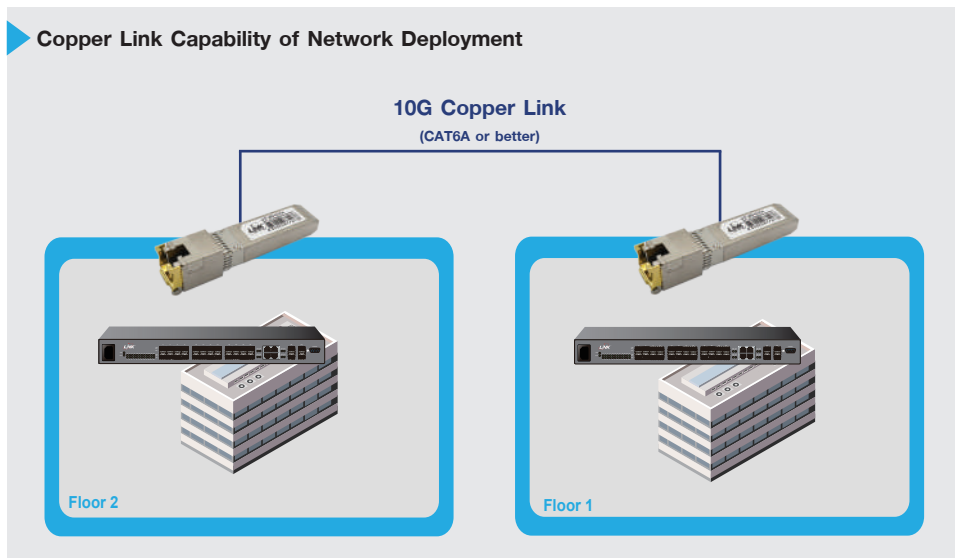
LINK SFP+ transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP+ port without having to power down the network devices.

## Features Highlight

- Compliant with IEEE802.3ae 10Gigabit Ethernet standard
- Data rate up to 10Gbps with full duplex
- Industry standard enhance small form-factor pluggable (SFP+) package
- Compliant with Multi-Source Agreement (MSA)
- Electrical interface compliant to SFF-8431 and SFF-8432
- Compact RJ45 connector assembly
- Single power supply 3.3V
- Fully metallic enclosure for low EMI
- Hot-Pluggable
- 2.5W maximum power consumption with established link
- Operating temperature from 0°C to 70°C
- Plug and Play Installation
- RoHS Compliant

## Applications

- 10 Gigabit Ethernet over Cat6A cable or better
- Switch to Switch interface
- Ethernet Converged Network Adapter
- Network Interface Card
- Support 10GBASE-T / 5GBASE-T / 2.5GBASE-T / 1000BASE-T
- Network Storage
- Router/Server interface
- Switched backplane applications





## Technical Data

Standards	
IEEE 802.3ae	10 Gigabit Ethernet
IEEE 802.3an	10GBase-T
Data Link	
Data Rate	10Gbps
Max. Distance	30m over Cat6A or better
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-910T-XX	10G SFP+ RJ45 10GBASE-T 30m

### 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

