



## UT-9310HP Series

HP/HPE, Aruba and 3Com Compatible



LINK AMERICAN STANDARD

# SFP+ TRANSCEIVER

10G SFP+ TRANSCEIVER MODULE w/DDMI Function

## Scope of Application

The LINK SFP+ transceivers are high performance, cost effective modules which is the best for all 10G network interface, The UT-9310HP can install into Switch products with SFP+ interface and can be compatible with HP/HPE, Aruba and 3Com.

LINK UT-9310HP SFP+ transceivers provide extended connectivity up to 300 m transmission distance with Multi-mode fiber (MM) and up to 10 km transmission distance with Single-mode fiber (SM).

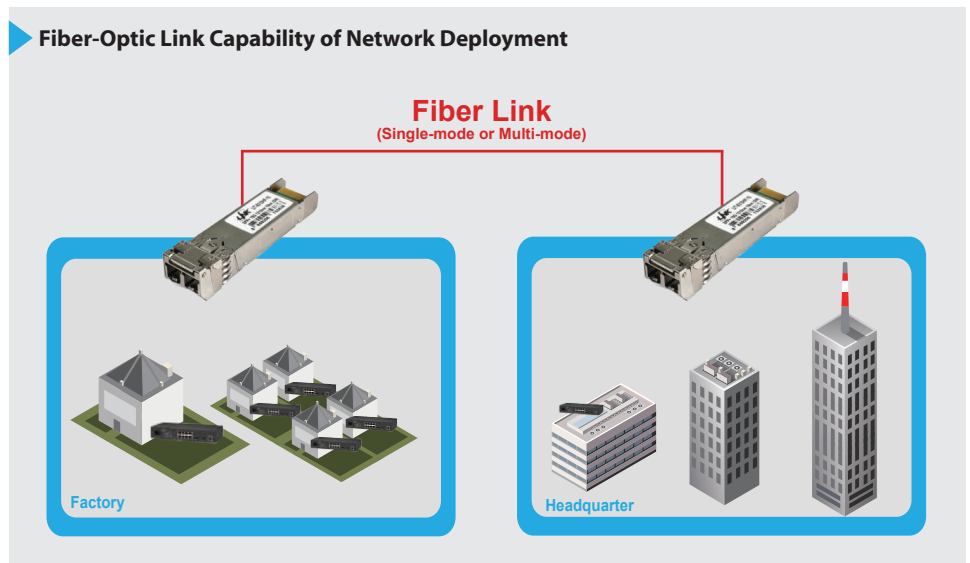
LINK SFP+ transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP+ port without having to power down the network devices.

## Features Highlight

- Hot-Pluggable and support data rate up to 10Gbps
- Compliant with IEEE802.3ae 10Gigabit Ethernet standard
- Compliant with Fiber Channel standard
- Support STM-16/64
- Compliant with SFP+ Multi Source Agreement (MSA)
- 850nm VCSEL or 1310nm DFB transmitter, PIN photo-detector
- Electrical interface compliant to SFF-8431 and SFF-8432
- Digital Diagnostic Monitoring Interface (DDMI) Capability
- Diagnostic Monitoring Interface to SFF-8472
- All-metal housing for superior EMI performance
- Low power consumption, Single +3.3V Power supply
- Duplex LC connector
- Operating temperature from 0°C to 70°C
- Cost effective SFP+ solution, enables higher port densities and greater bandwidth
- RoHS Compliant

## Applications

- 10 Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Network Storage
- Router/Server interface
- Switched backplane applications
- Other optical transmission systems
- 10GBase-SR, 10GBase-LR





## Technical Data

Standards		Certifications	
IEEE 802.3ae	10 Gigabit Ethernet	EMI	FCC Part 15 of Class B & CE Approved
Mechanical and Environment		Laser Safety	Class 1 Laser
Form Factor	SFP+		CDRH 21 CFR 1040
Connector	Duplex LC	Product Safety	EN 60825-1
DDMI/DOM	Supported		EN 60950-2
Power Supply Voltage	3.3V	EMC	EN 55022
Operating Temperature	0°C to 70°C		EN 55024
Storage Temperature	-40°C to 85°C	Green Product	RoHS
Operating Humidity	10% to 95% RH (non-condensing)	Ordering Information	
Storage Humidity	5% to 95% RH (non-condensing)	UT-9310HP-00	SFP+ 10G Transceiver, MM 850nm, 300 m
Compatible List	HP/HPE, Aruba, 3Com	UT-9310HP-10	SFP+ 10G Transceiver, SM 1310nm, 10 km

## Optical Characteristics

Part Number	Transmit Power (dBm)	Receive Sensitivity (dBm)	Wavelength (nm)	Operation Distance (m)					Input Voltage (V)	Connector
				OM1 62.5/125	OM2 50/125	OM3 50/125	OM4 50/125	OS2 9/125		
UT-9310HP-00	-6.5 to -1	-12	850	33	82	300	400	-	3.3	Duplex LC
UT-9310HP-10	-8 to +0.5	-15	1310	-	-	-	-	10,000	3.3	Duplex LC

## Drawing

