



## UT-9125DHP Series

HP/HPE, Aruba, 3Com Compatible



# SFP TRANSCEIVER

1.25G SFP TRANSCEIVER MODULE w/DDMI Function

## 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 HP/HPE, Aruba and 3Com.

LINK SFP transceivers provide extended connectivity up to 220/550m or 2km transmission distance with Multi-mode fiber (MM) and up to 40km transmission distance with Single-mode fiber (SM).

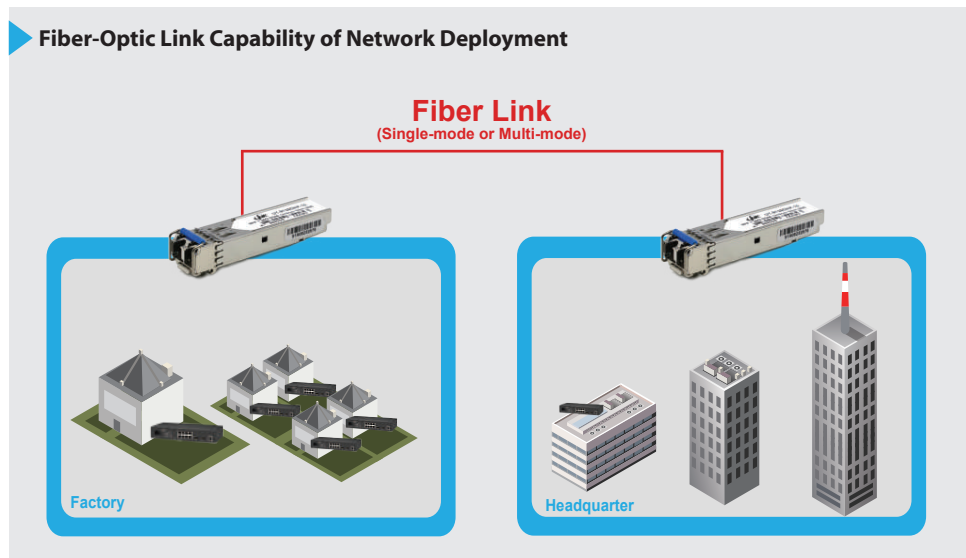
LINK SFP transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP port without having to power down the Media Converter/Switch.

## Features Highlight

- Compliant with IEEE802.3z Gigabit Ethernet standard
- Support data rate up to 1.25Gbps
- Industry standard small form-factor pluggable (SFP) package
- Compliant with Multi-Source Agreement (MSA) and SFF-8472
- Duplex LC connector
- Support Digital Diagnostic Monitoring Interface (DDMI)
- Single power supply 3.3V
- TTL signal detect indicator
- Hot-Pluggable
- Class 1 laser product complies with EN 60825-1
- Operating temperature from 0°C to 70°C
- Plug and Play Installation
- RoHS Compliant

## Applications

- Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Media Converter to Switch interface
- Media Converter to Media Converter interface
- Network Storage
- Router/Server interface
- Switched backplane applications
- Other optical transmission systems
- 1000Base-SX, 1000Base-LX, 1000Base-ZX





## Technical Data

Standards	
IEEE 802.3z	1000Base-X
Mechanical and Environment	
Form Factor	SFP
Connector	Duplex LC
DDMI/DOM	Supported
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	HP/HPE, Aruba, 3Com

Certifications	
EMI	FCC Part 15 of Class B & CE Approved
	EN 61000-3-2
	EN 61000-3-3
Laser Safety	Class 1 Laser
	CDRH 21 CFR 1040
Product Safety	EN 60825-1
	EN 60825-2
	EN 60950-1
EMC	EN 55022
	EN 55024
	EN 55032
	EN 55035
Green Product	RoHS
Ordering Information	
UT-9125DHP-00	SFP 1.25G Transceiver, MM 850nm, 220/550 m
UT-9125DHP-02	SFP 1.25G Transceiver, MM 1310nm, 2 km
UT-9125DHP-10	SFP 1.25G Transceiver, SM 1310nm, 10 km
UT-9125DHP-20	SFP 1.25G Transceiver, SM 1310nm, 20 km
UT-9125DHP-40	SFP 1.25G Transceiver, SM 1310nm, 40 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-9125DHP-00	-9.5 to -3.5	-18	850	220	550	550	550	-	3.3	Duplex LC
UT-9125DHP-02	-5 to 0	-20	1310	1,000	2,000	2,000	2,000	-	3.3	Duplex LC
UT-9125DHP-10	-9 to -3	-23	1310	-	-	-	-	10,000	3.3	Duplex LC
UT-9125DHP-20	-9 to -3	-23	1310	-	-	-	-	20,000	3.3	Duplex LC
UT-9125DHP-40	-5 to 0	-23	1310	-	-	-	-	40,000	3.3	Duplex LC

## Drawing

