



## UT-9125D Series

Cisco Compatible



LINK AMERICAN STANDARD

# 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 others brand.

LINK SFP transceivers provide extended connectivity up to 220/550m or 2km transmission distance with Multi-mode fiber (MM) and up to 120km transmission distance with Single-mode fiber (SM).

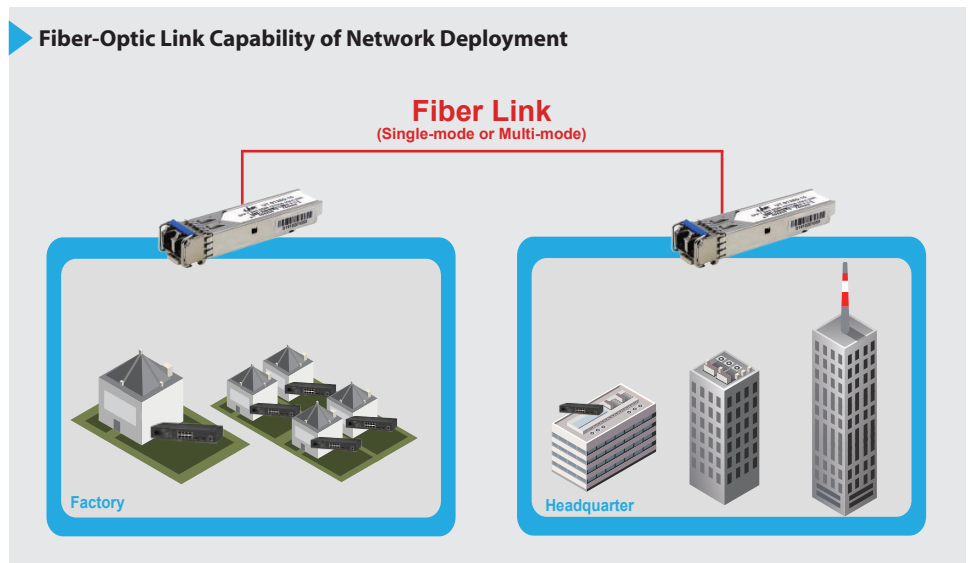
LINK SFP transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP port without having to power down the Media Converter/Switch.

## 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	LINK, Cisco, Huawei, Dell, TP-Link, D-Link, Zyxel, Mikrotik, Ubiquity, Alcatel, Allied-Telesis, Ruijie, Hikvision, Netgear, Fortigate, Ruckus, Dahua, Juniper, Linksys, etc.

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-9125D-00	SFP 1.25G Transceiver, MM 850nm, 220/550 m
UT-9125D-02	SFP 1.25G Transceiver, MM 1310nm, 2 km
UT-9125D-10	SFP 1.25G Transceiver, SM 1310nm, 10 km
UT-9125D-20	SFP 1.25G Transceiver, SM 1310nm, 20 km
UT-9125D-40	SFP 1.25G Transceiver, SM 1310nm, 40 km
UT-9125D-80	SFP 1.25G Transceiver, SM 1550nm, 80 km
UT-9125D-120	SFP 1.25G Transceiver, SM 1550nm, 120 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-9125D-00	-9.5 to -3.5	-18	850	220	550	550	550	-	3.3	Duplex LC
UT-9125D-02	-5 to 0	-20	1310	1,000	2,000	2,000	2,000	-	3.3	Duplex LC
UT-9125D-10	-9 to -3	-23	1310	-	-	-	-	10,000	3.3	Duplex LC
UT-9125D-20	-9 to -3	-23	1310	-	-	-	-	20,000	3.3	Duplex LC
UT-9125D-40	-5 to 0	-23	1310	-	-	-	-	40,000	3.3	Duplex LC
UT-9125D-80	0 to +5	-23	1550	-	-	-	-	80,000	3.3	Duplex LC
UT-9125D-120	0 to +5	-31	1550	-	-	-	-	120,000	3.3	Duplex LC

## Drawing

