



UT-9113WD

UT-9114WD

Cisco Compatible



SFP TRANSCEIVER

1.25G SFP BI-DI TRANSCEIVER MODULE (SINGLE FIBER APPLICATION)

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.

The UT-9113WD and UT-9114WD are using single-fiber with WDM technology (bi-directional), operate on a single strand of standard SMF. The transceivers provide extended connectivity up to 40km transmission distance. They uses wavelength of 1310nm/1550nm with single core of fiber optic to transmit and receive for optical data communications.

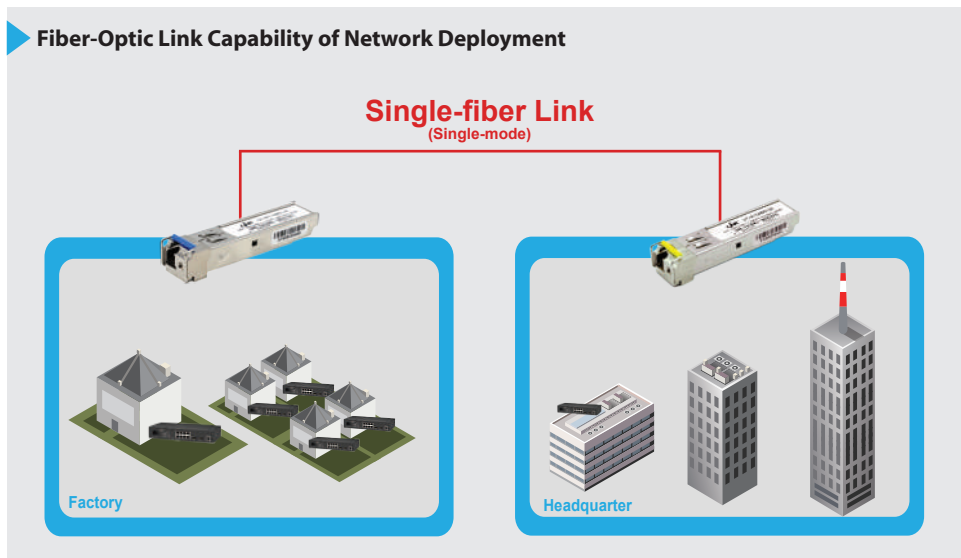
LINK SFP transceivers are a hot-pluggable (or hot-swappable). You can plug-in and out the transceiver to/from any SFP port without having to power down the Media Converter/Switch.

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
- Simplex 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-LX





Technical Data

Standards	
IEEE 802.3z	1000Base-X
Mechanical and Environment	
Form Factor	SFP
Connector	Simplex 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-9113WD-20	SFP Bi-Di Transceiver, TX 1310nm / RX 1550nm, 20 km
UT-9114WD-20	SFP Bi-Di Transceiver, TX 1550nm / RX 1310nm, 20 km
UT-9113WD-40	SFP Bi-Di Transceiver, TX 1310nm / RX 1550nm, 40 km
UT-9114WD-40	SFP Bi-Di Transceiver, TX 1550nm / RX 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-9113WD-20	-9 to -3	-23	1310 / 1550	-	-	-	-	20,000	3.3	Simplex LC
UT-9114WD-20	-9 to -3	-23	1550 / 1310	-	-	-	-	20,000	3.3	Simplex LC
UT-9113WD-40	-5 to 0	-23	1310 / 1550	-	-	-	-	40,000	3.3	Simplex LC
UT-9114WD-40	-5 to 0	-23	1550 / 1310	-	-	-	-	40,000	3.3	Simplex LC

Drawing

