

UT-911XWD Series

1.25 G, WDM, Singlemode



UT-9113WD-20



UT-9114WD-20



EMC :

Most equipment utilizing high-speed transceivers will be required to meet the following requirements:

- 1) FCC in the United States
- 2) CENELEC EN55022 (CISPR 22) in Europe

To assist the customer in managing the overall equipment EMC performance, the transceivers have been designed to satisfy FCC class B limits and provide good immunity to radio-frequency electromagnetic fields.

Eye Safety :

The transceivers have been designed to meet Class 1 eye safety and comply with EN 60825-1

Ordering Information :

UT-9113WD-20/40/60/80 : 1.25G, WDM, Singlemode, Tx 1310/RX 1550 nm

UT-9114WD-20/40/60/80 : 1.25G, WDM, Singlemode, Tx 1550/RX 1310 nm

Main Features :

- Multi Data Rate: from 125M to 1.25Gbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA) Small Form Factor Pluggable (SFP)
- Compliant with SFF-8472 Digital Diagnostic
- Single LC Connector
- Supported Digital Diagnostic Monitoring Interface (DDMI)
- Compliance with specifications for IEEE-802.3z Gigabit Ethernet at 1.25 Gbps
- Compliance with ANSI specifications for Fibre Channel applications at 1.06 Gbps
- Eye Safety : Designed to meet Laser Class 1 comply with EN60825-1



Model Number	Operating Temperature. & Monitor Function	Distance	LD Type & Wavelength	Output Power	Sensitivity
UT-9113WD-20	0~70°C	20 km	1310 nm / 1550 nm	-8 ~ -3 dBm	≤ -23 dBm
UT-9114WD-20			1550 nm / 1310 nm		
UT-9113WD-40	0~70°C	40 km	1310 nm / 1550 nm	-3 ~ +2 dBm	≤ -23 dBm
UT-9114WD-40			1550 nm / 1310 nm		
UT-9113WD-60	0~70°C	60 km	1490 nm / 1550 nm	-5 ~ 0 dBm	≤ -24 dBm
UT-9114WD-60			1550 nm / 1490 nm		
UT-9113WD-80	0~70°C	80 km	1510 nm / 1570 nm	-1 ~ +4 dBm	≤ -25 dBm
UT-9114WD-80			1570 nm / 1510 nm		

* 550 m use with mode conditioning launch patch cord.

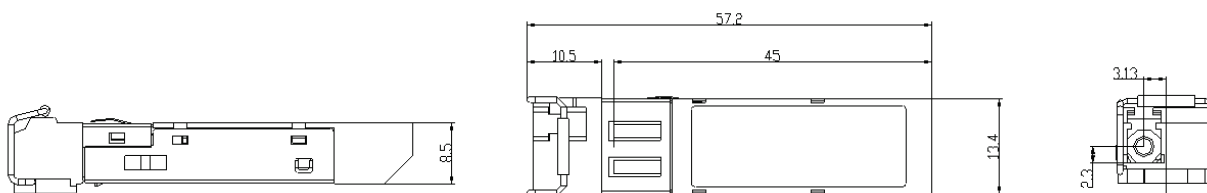
● **Temperature :** Operating : 0°C to +70°C
Storage : -40°C to +85°C

● **Humidity :** Operating : 10% to 95% RH
Storage : 5% to 95% RH

● **Safety Comply :** Class 1 Laser
Compliant 21 CFR 1040.10 and 1040.11
Compliant EN 60825-1

● Mechanical Dimensions :

Units in mm



All dimensions are ± 0.2 mm unless otherwise specified