

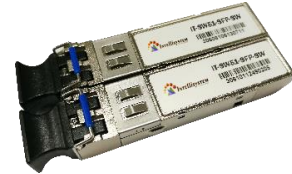
IT(B)I528X-24X Series

1-port Gigabit Ethernet SFP modules

Industrial 1.25Gb/s SFP Optical Transceiver Module

Features

- Support IEEE802.3ae, SFF-8431 Standard
- Transmission rate is 1.25Gb/s
- Hot pluggable LC duplex connector
- Working voltage is 3.3V
- RoHS compliant
- Working temperature -40~85°C



Specification

Interface

Connectors: Duplex LC Connector

Mechanical Structure

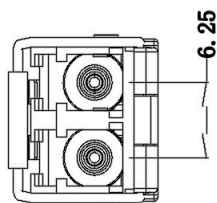
Size (WxHxD): 13.7mmx12.7mmx57.2mm

Certification

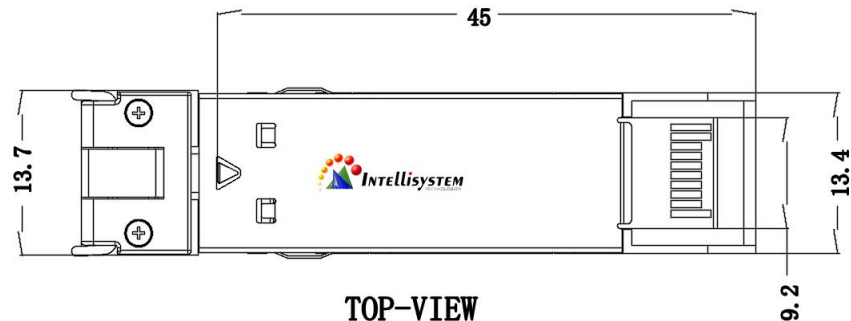
CE, FDA, C-TICK

Warranty: 1 years

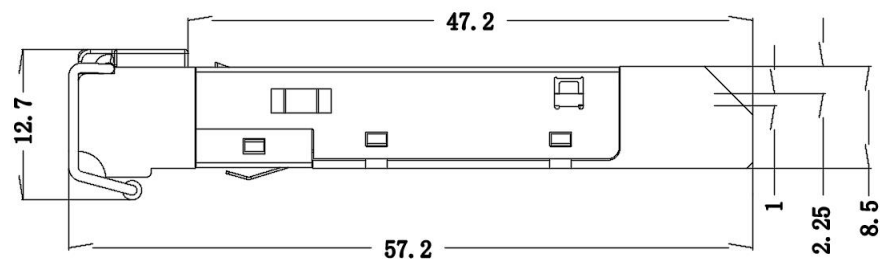
Dimension (Unit: mm)



LEFT-VIEW



TOP-VIEW



Ordering Information

Model	Type	Rate	Wavelength (nm)	Distance (km)	TX Power (dbm)	RX Sens (dbm)	Voltage (V)	Connector	Signal
IT5181-241	MM	1.25Gb/s	850	0.55	-9.5~-2.5	-17	3.3	LC	LVPECL
IT5282-242	MM	1.25Gb/s	1310	2	-9~-3	-20	3.3	LC	LVPECL
IT5283-243	SM	1.25Gb/s	1310	10	-9 ~ -3	-21	3.3	LC	LVPECL
IT5283-244	SM	1.25Gb/s	1310	20	-6 ~ -1	-21	3.3	LC	LVPECL
IT5283-245	SM	1.25Gb/s	1310	40	-2 ~ 3	-24	3.3	LC	LVPECL
IT5284-245	SM	1.25Gb/s	1550	40	-1 ~ 7	-24	3.3	LC	LVPECL
IT5284-247	SM	1.25Gb/s	1550	80	-3 ~ 2	-26	3.3	LC	LVPECL
IT5284-249	SM	1.25Gb/s	1550	120	0 ~ 5	-31	3.3	LC	LVPECL
ITBI5283-244	SS	1.25Gb/s	TX1310/RX1550	20	-9 ~ -1	-23	3.3	LC	LVPECL
ITBI5284-244	SS	1.25Gb/s	TX1550/RX1310	20	-9 ~ -1	-23	3.3	LC	LVPECL
ITBI5285-245	SS	1.25Gb/s	TX1490/RX1550	40	-7 ~ -1	-24	3.3	LC	LVPECL
ITBI5284-245	SS	1.25Gb/s	TX1550/RX1490	40	-7 ~ -1	-24	3.3	LC	LVPECL
ITBI5285-246	SS	1.25Gb/s	TX1490/RX1550	60	-5~ 0	-24	3.3	LC	LVPECL
ITBI5284-246	SS	1.25Gb/s	TX1550/RX1490	60	-5 ~ 0	-24	3.3	LC	LVPECL
ITBI5285-247	SS	1.25Gb/s	TX1490/RX1550	80	-3 ~ 2	-26	3.3	LC	LVPECL
ITBI5284-247	SS	1.25Gb/s	TX1550/RX1490	80	-3 ~ 2	-26	3.3	LC	LVPECL