

## Key Highlights:

- Type: RJ45 SFP
- **Compatibility:** Multi-Vendor MSA Compatible
- **Media Type:** Twisted Pair Cable
- **Max. Distance:** 80m
- **Data Rate:** 2.5 Gbps
- **Temperature:** Industrial -40° to 85°C



## Optical Transceiver : 2.5G-SFP-TI

### Product Description:

2.5G-SFP-TI is Multi-Vendor MSA Compatible RJ45 2.5GBASE-T SFP ( Small Form-factor Pluggable) Transceiver, operating over twisted pair Category 5e or better cable with maximum distance up to 80m. 2.5G-SFP-TI operates in Industrial -40° to 85°C temperature range and has RJ45 Standard connector. 2.5G-SFP-T module support 2.5 Gbps data rate and such applications as 2.5GBASE-T. 2.5G-SFP-TI copper SFP transceiver is multi-purpose module used in number of different places of today's networking. Consequently, most popular applications are Enterprise networking for LAN applications, Datacenters, Servers, Storage Appliance, WIFI Access Point interconnections and aggregation and other networking places still using copper infrastructure.



2.5GBASE-T SFP Transceiver is CE/RoHS certified and it is Compliant with product safety standards. 2.5GBASE-T Transceiver is fully compliant to SFP Multi Source Agreement INF-8074i, IEEE 802.3bz NBASE-T and MGBASE-T. Consequently, it means that module is compatible with 80% of networking equipment, where is not implemented a special algorithm for protection against third party modules. However – our technical team has accumulated deep expertise in custom-encoded firmware's for 2.5GBASE-T SFP transceiver in order to make it work in almost any brand equipment. We will be glad to know your requirements.

## Product Specification:

General parameter	Value
Media Type:	Copper
Connectors:	RJ45
Maximum Distance:	80 m
Supported Data Rate:	2.5 Gbps
Supported Applications:	2.5GBASE-T
Operating Temperature Range:	Industrial -40° to 85°C
Storage Temperature Range:	- 45° to 85°C
Chipset:	MAXIM, MINDSPEED, SEMTECH, UX
Power Supply Voltage Typical:	+3.3V single power supply
Compliance:	CE, INF-8074i, RoHS, SFP MSA, IEEE 802.3bz NBASE-T and MGBASE-T



## Compatibility:

EDGE Optical transceivers can be provided with custom-encoded firmware, in order to provide compatibility with more than 100 vendor brands in data and telecom communications industry:

**MS** - General MSA  
**AD** - ADVA  
**AE** - Advantech  
**AL** - Alcatel (Nokia)  
**AT** - Allied Telesis  
**AR** - Arista  
**AS** - Arris  
**AV** - Avaya  
**BC** - Barracuda  
**BR** - Broadcom  
**QL** - Cavium (Qlogic)  
**CR** - Ceragon  
**CP** - Checkpoint  
**CH** - Chelsio  
**CN** - Ciena  
**CI** - Cisco  
**LI** - Cisco (Linksys)  
**CE** - Comnet  
**CO** - Coriant  
**DH** - Dahua  
**DC** - DCN  
**DL** - Dell & Force10  
**DK** - D-Link

**DZ** - DZS(Dasan-Zhone)  
**EI** - ECI  
**EC** - EdgeCore  
**EW** - EdgeWare  
**EL** - Eltex  
**EM** - EMC2  
**EN** - Enterasys  
**ER** - Ericsson  
**EF** - EXFO  
**EX** - Extreme Networks  
**F5** - F5 Networks  
**FI** - Finisar  
**FO** - Fortinet  
**FU** - Fujitsu  
**H3** - H3C  
**HI** - Hirschmann  
**HU** - Huawei  
**IB** - IBM  
**IF** - Infinera  
**IN** - Intel  
**IX** - Ixia  
**JU** - Juniper Networks  
**KM** - KeyMile

**KY** - KyLand  
**LN** - Lenovo  
**ML** - Mellanox  
**ME** - Meraki (Cisco)  
**MT** - MikroTik  
**MO** - Moxa  
**MR** - MRV  
**NC** - NEC  
**NG** - Netgear  
**NK** - Nokia  
**NT** - Nortel  
**NS** - NSN  
**OR** - Oracle  
**PA** - Palo Alto Network  
**PL** - Planet  
**QC** - QCT(Quanta)  
**QN** - QNAP  
**RD** - RAD  
**RW** - RadWare  
**RC** - Raisecom  
**RK** - Ruckus  
**RU** - Ruijie Networks  
**SG** - Samsung

**SV** - Sandvine  
**SC** - Silicom  
**SF** - SolarFlare  
**SW** - Sonicwall  
**SM** - Supermicro  
**SY** - Synology  
**TC** - Telco Systems  
**TP** - TP-LINK  
**TN** - Trendnet  
**UN** - Ubiquiti Networks  
**VX** - VeEx  
**WG** - WatchGuard  
**WS** - Waystream  
**WT** - Westermo  
**ZT** - ZTE  
**ZX** - Zyxel  
**HP** - HP  
**AG** - Avago  
**OC** - Oclaro  
**EU** - Emulex  
**TM** - Transmode  
**AU** - HP Aruba  
**XX** - Other

## Warranty:

EDGE Optic's provides a limited **warranty for sixty (60) months** from Purchaser's receipt of the Equipment represented in this data sheet against defective design or workmanship. Warranty does not cover damage caused by improper deployment, misuse and accidents.

