



## PRODUCT DATA SHEET

### Optical Transceiver: 1000M-SFP-T

#### Description:

1000M-SFP-T is multi-vendor compatible SFP Transceiver module, operating over Cat. 5 or Cat. 6 Twisted pair cooper cable with maximum distance of 100m. 1000M-SFP-T supports 10/100/1000Mbps data rates.

1000M-SFP-T SFP Transceiver is fully compliant to SFP Multi Source Agreement SFF-8472 and it can be provided with custom-encoded firmware, in order to provide compatibility of most equipment vendors platforms in data communications industry.

#### Key Highlights:

- **Type:** SFP
- **Media Type:** Twisted Pair Cable
- **Max. Distance:** 100m
- **Data Rate:** 10/100/1000 Mbps
- **Temperature:** Standard 0°-70°C

# TECHNICAL SPECIFICATION

Parameter	Value
<b>Product Type:</b>	1000M-SFP-T
<b>Media Type:</b>	Cat.5 Cat.6 Twisted Pair
<b>Maximum Distance:</b>	100 m
<b>Supported Data Rate:</b>	10/100/1000 Mbps
<b>Supported Applications:</b>	<ul style="list-style-type: none"><li>• Ethernet (10 Mbps)</li><li>• Fast Ethernet (100 Mbps)</li><li>• Gigabit Ethernet (1000 Mbps)</li></ul>
<b>Temperature Range:</b>	Standard 0°-70°C
<b>Connectors:</b>	RJ45
<b>Chip:</b>	Marvel, Maxim
<b>Power:</b>	+3.3V single power supply
<b>Compliance:</b>	<ul style="list-style-type: none"><li>• SFP MSA,</li><li>• IEEE STD 802.3,</li><li>• 802.3ab,</li><li>• RoHS,</li><li>• CE</li></ul>

## Compatibility

EDGE Optical transceivers can be provided with custom-encoded firmware, in order to provide compatibility with more than 50 vendor brands in data and telecom communications industry:

**MS** - General MSA  
**AD** - ADVA  
**AL** - Alcatel-Lucent  
**AR** - Arista  
**AV** - Avaya  
**BR** - Brocade  
**CN** - Ciena  
**CI** - Cisco  
**DL** - Dell & Force10  
**DK** - D-Link  
**EM** - EMC2  
**ET** - Enterasys

**ER** - Ericsson  
**EX** - Extreme Networks  
**F5** - F5 Networks  
**FO** - Fortinet  
**FU** - Fujitsu  
**H3** - H3C  
**HI** - Hirschmann  
**HP\*** - HP Networking  
**HS\*** - HP Storage  
**HU** - Huawei  
**IB** - IBM  
**IF** - Infinera

**IN** - Intel  
**JU** - Juniper Networks  
**LI** - Linksys  
**ML** - Mellanox  
**ME** - Meraki (Cisco)  
**MT** - MikroTik  
**MO** - Moxa  
**MR** - MRV  
**NG** - Netgear  
**NS** - NSN  
**PA** - Palo Alto Network  
**QL** - Qlogic

**RD** - RAD  
**RU** - Ruijie Networks  
**SM** - Supermicro  
**SY** - Synology  
**TC** - Telco Systems  
**TP** - TP-LINK  
**TN** - Trendnet  
**WG** - WatchGuard  
**ZT** - ZTE  
**XX** - Other

\* - Please note HP compatible module prices can be higher than prices indicated in this material due to special requirements in coding. If you require HP compatibility, for exact pricing please contact our sales team: [sales@edgeoptic.com](mailto:sales@edgeoptic.com)

## Product Quality

We focus on strict product quality tests before each delivery, performing optical parameter tests, connector cleanliness tests and firmware verification tests to ensure our delivered products fully meet the promised product technical specification and compatibility requirements.

EDGE Optical transceivers are CE, ROHS certified and have passed Telecordia reliability tests.

## 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.