

Key Highlights:

- Type: RJ45 SFP
- **Compitability:** Multi-Vendor MSA Compatible
- Media Type: Twisted Pair Cable
- Max. Distance: 100m
- Data Rate: 1000 Mbps
- Temperature: Industrial -45° - +85°C



Optical Transceiver : 1000M-SFP-MI

Product Description:

1000M-SFP-MI is Multi-Vendor MSA Compatible RJ45 SFP (Small Form-factor Pluggable) Transceiver, operating over twisted pair Category 5 or better cable with maximum distance up to 100m. 1000M-SFP-MI operates in Industrial -45° to 85°C temperature range and has RJ45 Standard connector. RJ45 SFP support 1000 Mbps data rate and such applications as 1000Base-T. 1000M-SFP-MI 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 and different other networking places still using copper connections.



RJ45 SFP Transceiver is CE/RoHS certified and it is Compliant with product safety standards. 1000M-SFP-MI Transceiver is fully compliant to SFP Multi Source Agreement INF-8074i. 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 RJ45 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:	100 m
Supported Data Rate:	1000 Mbps
Supported Applications:	1000Base-T
Operating Temperature Range:	Industrial -45° 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



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.

