SO-SFP-100Base-TX

10/100Base-T SFP transceiver for FX to TX conversion

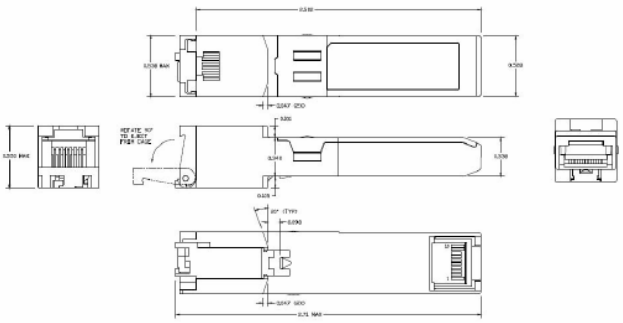
INTRODUCTION

The SO-SFP-100Base-TX electrical SFP transceiver (RJ45) is a high performance integrated duplex data link for bi-directional communication over CAT 5 unshielded twisted pair copper cable.
The module is specifically designed for converting 100Base-FX NRZI port interface to 10/100Base-TX interface with RJ45 connector. The transceiver module is compliant with the SFP MultiSource Agreement (MSA) and IEEE802.3u. With the hot pluggability, the module offers a flexible and easy way to be installed into SFP MSA compliant ports at any time without the interruption of the host equipments operating online.
The Copper SFP transceivers use an integrated RJ-45 connector with transformer and PHY IC.

APPLICATIONS

• 10/100Base-T

This 100Base-TX Copper SFP Transceiver supports the SFP based switch 100Base-FX ports that accept standard 100Base-FX optics SFP



FEATURES

• Compliant with MSA SFP specification
• Compatible with IEEE 802.3u
• Hot pluggable
• Single +3.3V power supply
• Serial ID functionality
• RX_LOS support

Specification subject to change without notice.

Ordering Information:

Part no:	Description
SO-SFP-100Base-TX	SFP, 100Base-T Copper Interface, FX to TX conversion, 0-70C
SO-SFP-100Base-TXE	SFP, 100BAse-T Copper Interface, FX to TX conversion, -40C to +85C

SmartOptics AS
Phone: +47 213 79 180
Mail: info@smartoptics.com
www.smartoptics.com