

10G SFP+/XFP OEO Media Converter

1. Product Description

ETD 10G OEO media converter designed to convert 10G-FX to 10G-FX. It can be used as fiber repeater for long distance transmission or SM to MM converter. Support SDH/SONET STM-64/OC-192, 10G fiber channel, 10G Ethernet etc 1310nm /1550nm/CWDM/DWDM Optical wavelength Conversion are support.

2. Features

- Rate supports 8.5Gbps~11.7Gbps
- Support loopback function and Jumbo frame
- Transparent transmission and low latency
- Supports ITU-defined DWDM/CWDM wavelengths and can also display its DDM capabilities
- Support 3R function: support signal amplification and regeneration, waveform shaping, clock retiming;
- Support hot swap, Easy installation

3. Specification

Parameter	Specifications
Transmission rate	8.5Gb/s-11.7Gb/s
Interface Type	Type A : XFP to XFP Type B : SFP+ to XFP Type C: SFP+ to SFP+
Maximum packet forwarding rate	14,880,950/S
power supply	DC 12V~48V
power	≤4W
Operating temperature	-40°C~85°C
Relative humidity	5% -95% (non-condensing)

4. Indicator status description

LED	Function	Status	Description
PWR	Power Indicator	ON	Power is ON.
		OFF	Power is OFF.
SPD	Speed Indicator	Flashing	10G
		Slow flash	1.25~8.5G
LOS1	Loss of signal	ON	The left module optical signal is received normally.
		OFF	The left module optical signal reception is abnormal.
LOL1	10G Loss of lock	ON	The link is connected properly and the CDR is locked.
		OFF	The link is connected properly and the CDR is not locked.
LOS2	Loss of signal	ON	The right module optical signal is received normally.
		OFF	The right module optical signal reception is abnormal.
LOL2	10G Loss of lock	ON	The link is connected properly and the CDR is locked.
		OFF	The link is connected properly and the CDR is not locked.

5.DIP switch instruction

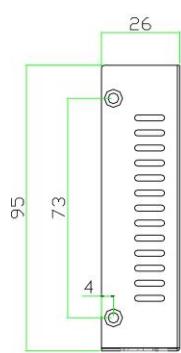
DIP-Bit Number	Switch Status	Function Descriptions
1	ON	1.25~8.5G
	OFF	10.3G or 14.025G
2	ON	No Function
	OFF	No Function
3	ON	No Function
	OFF	No Function
4	ON	No Function
	OFF	No Function

6. Dimension

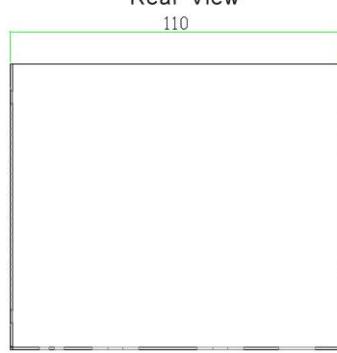
Desktop version



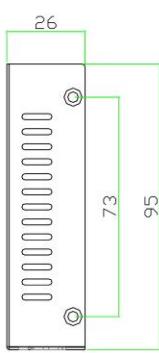
Rear View



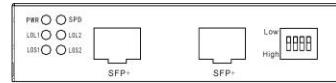
Side View



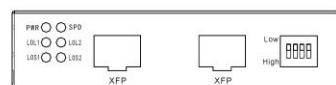
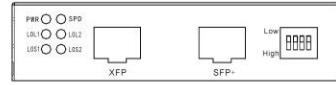
Top View



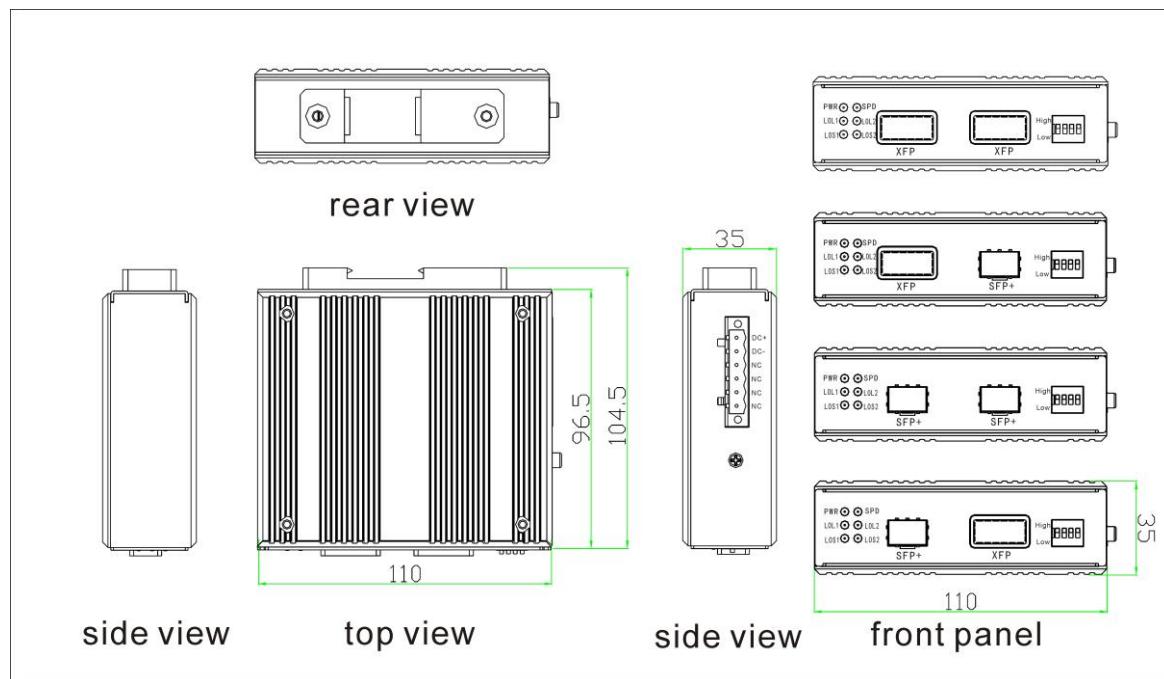
Side View



Front View



Din-Rail version



7. Ordering Information

Part Number	Description
OP-510-SFP+-SFP+	10G SFP+ to SFP+ OEO Converter
OP-510-XFP-XFP	10G XFP to XFP OEO Converter
OP-510-SFP+-XFP	10G SFP+ to XFP OEO Converter