

## OPT-1010 Series 10G Media Converter

10GBase-Tx to 10G SFP+ Port  
RoHS Compliant



### >>Description

This product is high-performance 10G optical media converter, Using Optical - Electrical wavelength conversion, realize the optical signal equilibrium amplification, clock extraction and optical regeneration, and with WDM (DWDM/CWDM) technology, can achieve optical signals transmit in a single fiber by single or multiple way over a long distance. On the existing network infrastructure, it can quickly improve the communication capacity, expand the bandwidth, while using low cost and high cost-effective solutions to manage and operate the system, easy operation and maintenance.

### >>Main Features

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support Loopback test function
- Support hot plugging
- Full State Led display
- Supports auto MDI/MDIX function
- Status LED for easy monitoring of device status
- FCC Class A & CE approved





## >> Specifications

### Interface

- 1 x Ethernet port (RJ45) 10GBase-Tx
- 1 x Optical port (SFP+) 10GBase-Fx

### Optical Port

- Transfer Distance: up to 80km;
- Connectors: SFP+
- Fiber core: 9/125um on single mode fiber, 50/125 um and 62.5/125 um on multi-mode fiber

### Ethernet Port

- Available speed: force 10Gbps Full-Duplex and Half-Duplex auto-negotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection auto-sensing

### Standard

- IEEE802.3an(10Gbase-T),
- IEEE802.3ae(10Gbase-SR/LR/ER/ZR)

### Power Requirement

- Input: 5V DC

### Physical Characteristics

- Housing: Metal enclosure
- Dimensions: 117 x 85 x 28mm
- Weight: 0.65kg

### Environmental Limits

- Operating Temperature: -10°C to 70°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% RH
- Storage Humidity: 5% to 90% RH

### Agency Approvals

- FCC Part 15 of Class A & CE approved

### Warranty

- 3 years

## >> Ordering Information

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OPT-1010S	10GBase-T to 10G SFP+ Fiber port
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## >> Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTONE before they become applicable to any particular order or contract. In accordance with the OPTONE policy of continuous improvement specifications may change without notice.

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