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The PeakOptical SFP converters are designed for maximum convenience for applications that require flexibility in transmission rates, working distances, and fiber network types which can be realized by simply changing the hot-plug-and-play SFPs

### ***Key Features***

- Jumbo Frame Support
- Transparent transport and very short delay
- Supports ITUT prescribed DWDM/CWDM wavelength
- Supports DDMI on fiber transceiver
- Supports loopback test function
- Economic In-band Management function
- Powerful Network Management
- Hot pluggable SFP
- LED Indicators
- UTP cable length detection

### ***Applications***

- Fiber to copper 10Gbps Ethernet and long distance transmission.
- Media converter for networking backbones (SAN, LAN, MAN)
- Can be applied in Telecommunication room, R&D laboratory, Data center, and etc.

## Specifications

|                                       |   |
|---------------------------------------|---|
| <b>Performance Data</b>               | Technical Indexes   |
| <b>Transmission Speed</b>             | 10Gb/s  |
| <b>Protocols</b>                      | IEEE802.3an(10Gbase-T),IEEE802.3ae(10Gbase-SR/LR/ER/ZR)   |
| <b>Access Type</b>                    | 10G LAN   |
| <b>Interface Type</b>                 | Type: RJ45 To/From SFP+   |
| <b>Transmission Distance</b>          | SFP+ module: Up to 80Km<br>10Gbase-T: 100meters Cat .6a cable   |
| <b>Maximum Packet Forwarding Rate</b> | 14,880,950/S  |
| <b>Network management information</b> | Card type information <ul style="list-style-type: none"> <li>• SFP+ fiber module detection</li> <li>• SFP+ fiber module DMI function ( Temperature 、 Voltage 、 Optical power )</li> <li>• Link status detector</li> <li>• Enable/Disabled Loopback test function</li> <li>• UTP cable length detection ( only RJ45 interface )</li> <li>• Remote card's status monitor ( only in pairs )</li> </ul> |
| <b>Power requirement</b>              | Rack-mountable : AC 85 ~ 230V OR DC -48V<br>Standalone: AC 230V OR DC -48V<br>Power consumption: ≤9W  |
| <b>Work Environment</b>               | Operating Temp: 0~ 50 °C<br>Storage Temp: -10~ 70 °C<br>Humidity: 5%~90% ( non-condensing )   |
| <b>Dimension</b>                      | Card : 11.5mm ( W ) × 78mm ( D )<br>Standalone : 156mm ( W ) × 128mm ( D ) × 32mm ( H )   |