Fiber Optic Transceiver Specification

Version: V02  Date: 2017-08-02
Product Summary

F series of optical fiber transceiver is a photoelectric converter for transferring signal from ultra long distance. It breaks through the limitation of traditional cable transmission ensures the stability and reliability of the signal.

Product Feature

- Way cable interface, all the way to optical interface.
- Single-mode fiber transmission distance 10 km ~20 kilometers.
- Optical interface: FC circular mouth.
- 100~240VAC 50 / 60HZ AC power supply.

Technical Specifications

<table>
<thead>
<tr>
<th>Agreement</th>
<th>IEEE802.3Z IEEE802.3ab</th>
<th>Working temperature</th>
<th>0℃ ~ 50℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical fiber</td>
<td>Single mode</td>
<td>Humidity</td>
<td>5% ~ 95%</td>
</tr>
<tr>
<td>Interface</td>
<td>FC Round interface, RJ-45</td>
<td>Operating Voltage</td>
<td>100~240VAC 50/60HZ</td>
</tr>
<tr>
<td>Transmission</td>
<td>10/100Mbps</td>
<td>Dimensions</td>
<td>Length 143 * width 147 * height 40 (mm)</td>
</tr>
<tr>
<td>Indicator</td>
<td>1000M/100M, Link, Act, FDX, Power</td>
<td>Weight</td>
<td>0.5 Kg</td>
</tr>
<tr>
<td>Transmission</td>
<td>10KM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chassis Dimensions

![Chassis Dimensions Diagram]
System connection diagram

Optical interface FC (round connector)

- PWR: 100
- FX: Link/Act
- SD: FDX/COL
- FP: TP

Fiber Optic Transceiver A

Ethernet 1

Optical fiber

Optical interface FC (round connector)

- PWR: 100
- FX: Link/Act
- SD: FDX/COL
- FP: TP

Fiber Optic Transceiver B

Ethernet 2