PCT-3102FSM
1000Base-SX (Multi-mode) to 1000Base-LX (Single-mode) Standalone Converter

**KEY FEATURES**

- Comply to IEEE 802.3z 1000Base-SX/LX Standard
- One 1000Base-SX (FO-SC) Multi-mode Interface
- One 1000Base-LX (FO-SC) Single-mode Interface
- Unique Multi-mode to Single-mode Design
- Easy to upgrade or expand existing fiber network
- Plug-and-Play installation

**DESCRIPTIONS**

The PCT-3102FSM is a stand-alone 1000Base-SX multi mode to single-mode converter. This special designed multi-mode to single-mode converter allow customer to upgrade or expand their existing 1000M fiber network easily and cost effectively.

The PCT-3102FSM is fully compliant with IEEE 802.3z standards, operates at 1000Mbps - half or full duplex mode. In full duplex configuration, the PCT-3102FSM provides a maximum bandwidth of up to 2000Mbps for distances of up to 550m using multi mode fiber cable on one side and up to 60Km using single mode fiber cable on the other side. Install and operate the PCT-3102FSM is simple and straight forward.

The PCT-3102FSM works well with our NTC-CHASSIS and CCT slide-in converter modules as well and also complements any other products featuring a 1000Base-SX & LX interface.
APPLICATION

SPECIFICATIONS

Standard
IEEE 802.3z 1000Base-SX/LX

Interface
1000Mbps Multi-Mode FX port x 1
1000Mbps Single-Mode FX port x 1

LED
Power, MM-Fiber Link, SM-Fiber Link

Power
Power Consumption: 6W

Typical Operation Temperature
Operation: 0° ~ 50°C
Storage Temperature: -20° ~ 60°C
Humidity: 5% ~ 90% non-condensing

Dimension & Weight
120 x 78 x 26mm(W x D x H)
Shipping Weight: 0.29KG

Emission/Safety
FCC Class A, CE
*For further reports, please contact us for update

ORDER INFORMATION

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FIBER PORT</th>
<th>TP PORT</th>
<th>SPEED</th>
<th>FIBER TYPE</th>
<th>CONNECTOR</th>
<th>DISTANCE</th>
<th>Ports</th>
<th>SPEED</th>
<th>Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT-3102FSM(SM-10/30)</td>
<td>1000</td>
<td>MM, SM</td>
<td>SC</td>
<td>MM, SM</td>
<td>SC</td>
<td>550M, 10/30KM</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PCT-3102FSMW2A(SM-20)</td>
<td>1000</td>
<td>MM, WDM</td>
<td>SC</td>
<td>MM, WDM</td>
<td>SC</td>
<td>550M, 20KM</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PCT-3102FSMW2B(SM-20)</td>
<td>1000</td>
<td>MM, WDM</td>
<td>SC</td>
<td>MM, WDM</td>
<td>SC</td>
<td>550M, 20KM</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>