

**RP-110TMC | RP-110TMT**  
**RP-110C15 | RP-110C30**  
**10/100Base-TX to 100Base-FX Media Converter**



RP-110 series is a media converter designed to connect 10BASE-T/100BASE-TX copper to 100Base-FX fiber media.

1 RJ-45 twisted-pair port and 1 fiber port One-channel media conversion between 10 Base-T/100 Base-TX and 100 Base-FX Fiber connector, Auto negotiation of speeds and duplex modes on twisted-pair port, Auto MDI/MDIX. One slide switch for configuring fixed half/full duplex modes, Store-and-forward mechanism Back-pressure and IEEE 802.3x Flow Control compliant Full wire-speed forwarding rate front panel status LEDs.

The converter can be used as a standalone unit or as a slide-in module to the 19" converter rack RP-MCR116 for use at a central wiring closet.

All media converters are hot-swappable when used with the chassis.

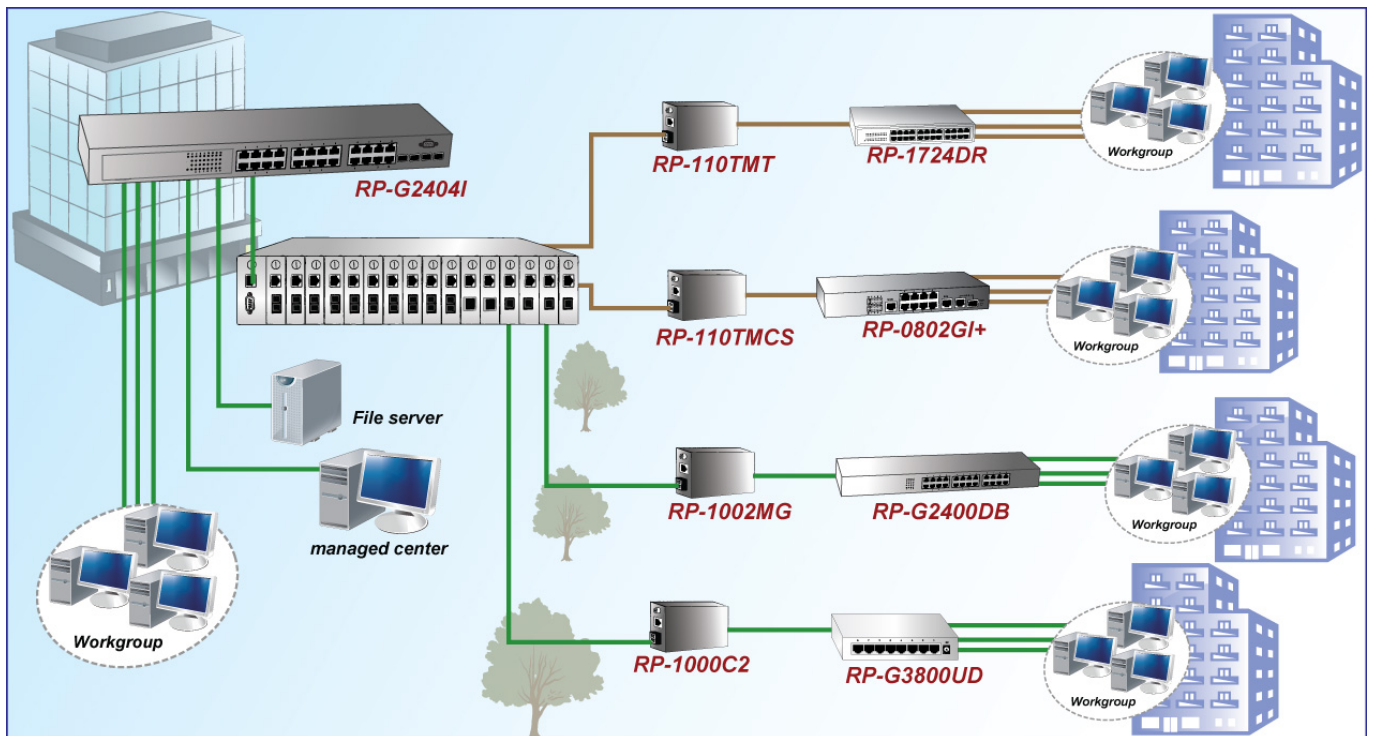
## Features

- Comply with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX, 100Base-FX
- Provide one port 10/100Base-TX Auto-negotiation with RJ45 connector
- Provide one port multi-mode fiber-optic with SC, ST, LC connector or single-mode fiber-optic with SC connector
- LED Indicators: Power/Link/Activity/Full Duplex/Speed
- Auto MDI-X for 10/100TX port
- Auto-negotiation for speed and Duplex mode on TX ports
- Provides a slide switch for Full and Half Duplex selection on FX port
- Wall-mounting
- Provides 19" system chassis for up to 16-converter with Redundant Power supply for optional Expansion use

# Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE802.3 10BASE-T,</li> <li>• IEEE 802.3u 100BASE-TX, 100BASE-FX</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 1*10/100BASE-TX auto-negotiation ,auto-MDIX</li> <li>• 1*100BASE-FX</li> </ul>
<b>Network Media</b>	<ul style="list-style-type: none"> <li>• 10BASE-T: 2-pair UTP Cat. 3, 4, 5, up to 100 m(328 ft)</li> <li>• 100BASE-TX: 2-pair UTP Cat. 5, up to 100 m (328 ft)</li> <li>• 100BASE-FX: 50/125µm or 62.5/125µm multi-mode fiber optic cable, up to 2 km 9/125µm or 10/125µm single-mode fiber optic cable, up to 15/30/60km</li> </ul>
<b>Speed</b>	<ul style="list-style-type: none"> <li>• 10/20Mbps for half/full-duplex</li> <li>• 100/200Mbps for half/full-duplex</li> </ul>
<b>Forwarding rate</b>	<ul style="list-style-type: none"> <li>• 148,800pps</li> </ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"> <li>• Per unit: Power</li> <li>• Per port: Link/Activity, Full Duplex/Collision, Speed (only for TX port)</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 1.8W</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• External power Adapter DC5V/1A</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: 0°C~40°C</li> <li>• Operating Humidity: 10%~90% (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 120 * 88 * 25 mm</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE, VCCI</li> </ul>

# Application



## Ordering information

<b>RP-110TMC</b>	10/100Base-T to 100Base-FX Media Connector, MM/SC
<b>RP-110TMT</b>	10/100Base-T to 100Base-FX Media Connector, MM/ST
<b>RP-110C15</b>	10/100Base-T to 100Base-FX , 15Km Media Converter
<b>RP-110C30</b>	10/100Base-T to 100Base-FX , 30Km Media Converter