RP-1000SC | RP-1000C1 | RP-1000C2
1000Base-T to 1000Base-SX/LX
Smart Gigabit Media Converter

The media converters support two types of media for network connection such as 1000Base-T and 1000Base-SX/LX. The device is designed to connect these two types of segments to operate smoothly, the simplest way to interconnect any equipment's 1000Base-T port to the 1000Base-SX/LX interface networks for extended distance coverage.

Feature

- Compliant with IEEE 802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet Standards
- Provides one 1000Base-T port, one 1000Base-SX/LX port supporting either multi-mode or single-mode fiber up to 20Km
- Supports Full Duplex and Auto-negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Support LLCF (Link Loss Carry Forward, Link Pass Through)
- Support LLR (Link Loss Return) for Fiber port
- Provides 19" system chassis for up to 16-converter with Redundant Power Supply for optional expansion use

Management Features

- Supports LLCF (Link Loss Carry Forward, Link Pass Through)
- Supports LLR (Link Loss Return) for FX port
- Monitor the status of duplex/link for both media via management module MOD-MCSNMP through Media Converter hassis System (RP-MCR116)
- Set duplex force, LLCF on/off, LLR on/off for FX, ports on/off via the MOD-MCSNMP through RP-MCR116
- Provides link down source port information
## Specification

| Standards       | • IEEE 802.3ab 1000Base-T  
|                 | • IEEE 802.3z 1000Base-SX  
|                 | • IEEE 802.3z 1000Base-LX  |
| Interface       | • 1*1000Base-T with RJ45 connector  
|                 | • 1*1000Base-SX/LX with SC connector  |
| Media Support   | **1000Base-T**  
|                 | • 4 pair Cat.5e or higher, EIA/TIA-568 100-ohm twisted-pair cable, up to 100m  
|                 | **1000Base-SX**  
|                 | • 50/125μm multi-mode fiber optic cable, up to 550m  
|                 | **1000Base-LX**  
|                 | • 9/125μm or 10/125μm single-mode fiber optic cable, up to 20km  
| Protocol        | • CSMA/CD  
| Ports           | • 1 * 1000Base-T with RJ-45 connector  
|                 | • 1 * 1000Base-SX/LX with SC connector  
| Data Transfer Rate | • 2000Mbps (Full Duplex)  
| Dip Switch      | • Auto-negotiation or Manual for FX  
|                 | • LLR enable or disable for FX  
| LED Indicators  | • Per unit: Power  
|                 | • Per port: Link/Activity  
| Power Consumption | • 2.7W  
| Power Supply    | • External power Adapter DC 5V/1A  
| Environment     | • Operating Temperature: 0°C~40°C  
|                 | • Operating Humidity: 10%~90%  
| Dimension       | • 120 * 88 * 25 mm  
| Certification   | • FCC, CE  |
Application

Ordering information

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<th>Model</th>
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