

RP-MC211FP

10/100/1000Base-TX to 1000Base-X SFP Gigabit Media Converter



RP-MC211FP is 10/100/1000Mbps adaptive Gigabit Ethernet media converter fully compatible with 10/100/1000Base-T Ethernet networks, the fiber media converter supports auto negotiation to bridge different speed networks and devices to a Gigabit fiber network.

It features an open SFP slot that lets you choose the SFP which suits your fiber connection mode (single / multimode) and distance requirements.

The RP-MC211FP can be used as a card module that can easily be installed into RP-MCR216 the 16 Slot, 2U Rack-mounted Chassis or for standalone operation.

Features

- Supporting inter-conversion between adaptive 10Base-T/100Base-TX/1000Base-T with 1000Base-SX/LX
- 10/100/1000M media converter with SFP slot is available
- Supporting full-duplex and half-duplex and its auto-sensed
- Supporting auto-sense of MDI/MDI-X, facilitating system commissioning and installation
- Supporting flow control for full-duplex and back pressure for half-duplex
- Supporting the transmission of extra-long VLAN packets
- Supporting Quality of Service (QoS) and ensuring the transmission of VoIP packets;
- Options in single mode dual fiber, multi-mode dual fiber, and single mode in single fiber

Specifications

Standards	<ul style="list-style-type: none"> • IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, • IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet • IEEE802.3x Flow Control
Interface	<ul style="list-style-type: none"> • One RJ45 port: 10/100/1000Mbps Gigabit Ethernet Connecting with STP/UTP category-5 twisted pairs, EIA568A/B • One optical port: Multi-mode Dual-fiber: SC/LC(SFP) (50, 62.5/125μm) Single mode Dual-fiber: SC/FC/LC(SFP) (9/125μm)
Wavelength	<ul style="list-style-type: none"> • 850nm/1310nm/1550nm
Transmission distance	<ul style="list-style-type: none"> • multi-mode Dual-fiber: 220m (62.5/125μm)/550m (50/125μm) • single mode Dual-fiber: 20/40/60/80 Km • single mode Single fiber: 20/40/60/80 Km • Category-5 twisted pairs: 100m
Jumbo frame	<ul style="list-style-type: none"> • 9K
LED indicators	<ul style="list-style-type: none"> • POWER (power supply), FX LINK (optical link action) • TP LINK1000 (TP cable rate1000M), TP LINK100 (TP cable rate 100M) • TP ACT (TP cable packet forwarding action)
Power Consumption	<ul style="list-style-type: none"> • Max. 3 Watts
Power Supply	<ul style="list-style-type: none"> • Internal Power supply 100~240VAC, 50/60Hz
Environment	<ul style="list-style-type: none"> • Operating Temperature: -10~55°C • Storage Temperature: -40~75° C • Operating Humidity: 5% to 90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • W127 x H32 x D156mm • W77.2 x H26 x D113mm (Slider card)
Certification	<ul style="list-style-type: none"> • FCC, CE

Ordering information

RP-MC211FP	10/100/1000Base-TX to SFP Gigabit Media Converter
RP-MC211FP/C	10/100/1000Base-TX to SFP Gigabit Media Converter Slider Card