

# MC-MINI-1G-SFP-RJ45

## Mini SFP/RJ45 Gigabit Ethernet media converter

### DESCRIPTION

The Fiberworks MC-MINI series is a collection of super compact media converters for bit rates from 10 Mb/s to 10 Gb/s. They are the perfect choice for applications where compactness, simple plug-and-play functionality, low power consumption and a reasonable price matter the most.

The MC-MINI-1G-SFP-RJ45 model provides conversion between copper and fiber via its RJ45 and SFP ports. The RJ45 port supports 10/100/100Base-TX and the SFP port 100/1000Base-FX. The SFP port supports all Fiberworks transceivers for the relevant bit rates (100M or 1.25G).

### FEATURES

- 10/100/1000Base-TX to 100/1000Base-FX fiber media converter
- Unit and Port LEDs allow for quick status information
- Support Auto-Negotiation, Auto MDI/MDI-X and Half/Full Duplex mode
- Support Jumbo Frame, MTU 2048 bytes
- Automatic Link Restoration
- For standalone and chassis (12 converters in 1U) use
- Comply with IEEE 802.3/802.3u/802.3ab/802.3z Ethernet standards
- Prevent packet loss with back pressure and IEEE 802.3x pause frame flow control
- Compact package size, easy installation
- Flexible power input, 5-12V (5V power supply included)
- Low power consumption, can be powered via USB
- Support Link Fault Pass Through (LFP) and Automatic Laser Shutdown (ALS) function (selectable via DIP switch)



### TECHNICAL DATA

Parameters	Units	Values
Power input	V	5 to 12
Power Consumption, full load	W	< 3
Dimensions	mm	94 x 60 x 21
Operating temperature	°C	0 to +50
Operating humidity	%	10 to 90, non-condensing
Storage temperature	°C	-10 to +70

### ORDERING INFORMATION

Product number	Description
MC-MINI-1G-SFP-RJ45	Fiberworks Mini SFP/RJ45 1G media converter Unmanaged, Gigabit Ethernet