

## **ADD-MCC10GRJSFP-SK-EU**

10GBase-T RJ-45 & SFP+ Slot Standalone Media Converter Card Kit, EU Plug

### **Features**

- Support Jumbo Frame
- Transparent Transport and very low delay
- Support ITUT prescribed DWDM/CWDM wavelength
- Support DMI function for SFP+ fiber module
- Support Loopback test function
- Economic In-band Management function
- Powerful Network Management function (Web, SNMP, Console)
- Supports hot plugging
- Support 2U Rack (16 channel) and standalone use
- Full State Led Display
- Easy installation
- UTP cable length detection (only RJ-45 interface)

### **Applications**

- Connection between fiber to copper 10Gbps Ethernet equipment function as fiber-to-copper media converter for long distance transmission.
- Media converter for network backbone (SAN, LAN, MAN).
- Can be applied in telecommunication room, R&D laboratory, data center, or network uses.

### **Product Description**

This is a standalone media converter card kit with a 10GBase-T RJ-45 & SFP+ Slot. It includes the media converter card and enclosure. The open SFPP port allows users to customize between the SR, LR, CWDM, DWDM, bidirectional, or etc. connections. It provides a cost effective conversion from 10GBase copper RJ-45 & SFP+, while extending your network reach beyond the 100m reach limitation of copper. This standalone media converter can also be used (without the enclosure) and housed in the rack's system for plug and play rack mount support. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

## Media Converter Specifications

Parameter	Specifications
Transmission Speed	10Gbps
Protocols	IEEE 802.3an (10Gbase-T), IEEE 802.3ae (10Gbase-SR/LR/ER/ZR)
Access Type	10G LAN
Interface Type	Type: RJ-45 to/from SFP+
Support Distance	SFP+ module: up to 80km 10Gbase-T: 100m Cat 6a cable
Maximum Packet Forwarding Rate	14,880,950/S
Network management information	Card type information <ul style="list-style-type: none"> <li>• SFP+ fiber module detection</li> <li>• SFP+ fiber module DMI function (Temperature, Voltage, Optical power)</li> <li>• Link Status detector</li> <li>• Enable/Disabled Loopback test function.</li> <li>• UTP cable length detection (only RJ-45 interface)</li> </ul>
Operating Temperature	0°C to 50°C
Storage Temperature	10°C to 70°C
Relative Humidity	5% to 90% Non-condensing
Rack-mountable	AC 85~220V or DC -48V
Standalone	AC 220V or DC -48V
Power consumption	≤6W
Card Dimension	11.5mm (W) x 78 (D)
Standalone Dimension	156mm (W) x 128mm (D) x 32mm (H)

## Power Supply Specifications

Parameter	Specifications	Notes
Input Characteristics		
Rated input voltage	100-240VAC	
Operating range	90-264VAC	
Rated input frequency	50/60Hz	
Inrush starting current	≤60A	1
Maximum input current	≤0.3A	
Efficiency	≥70.8%	2
Power factor	≥0.4	
Maximum no-load power	≤0.15W	2
Output Characteristics		
Rated output voltage	52VDC	

<b>Output voltage range</b>	4.8-5.35VDC	
<b>Rating load current</b>	1A	
<b>Load current range</b>	0-1A	
<b>Maximum capacitive load</b>	3000uF	3
<b>Working Environment</b>		
<b>Operating Temperature</b>	-40 to 60°C	
<b>Operating Relative Humidity</b>	20% to 90%	
<b>Storage Relative Humidity</b>	5% to 95%	
<b>Storage Temperature</b>	-40 to 60°C	

**Notes:**

1. 220VAC cold start full load.
2. 115 to 230VAC.
3. Cold Position.

## **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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