



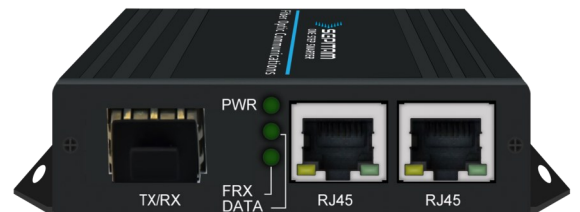
**SEPITAM**

ONE STEP SMARTER

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SEPITAM  
MC12G-SSF



## TYPE:

# Sepitam-MC12G-SSF

Sepitam fiber optic and Ethernet converters are engineered to support the seamless transmission of various services, including FXO/FXS, E1, audio, analog video, HDMI, USB, and serial data. Whether deployed over fiber optic or Ethernet networks, our solutions ensure reliable, high-quality communication for a wide range of applications.



- ▶ TYPE: Sepitam-MC12G-SSF
- ▶ Technical Specification of Sepitam-MC12G-SSF
- ▶ 1\* 10/100/1000Base-T port & 1\*1G fiber SFP port

## ▶ Description:

We create a network backbone device in order to use in Gigabit Ethernet transmission. This converter Sepitam-MC12G-SSF is used for Optical-Electric Ethernet signals between 10/100/1000 Mbps UTP interface (TX) and 1000 Mbps SFP modules (FX). Accordingly, multi-mode, single-mode up to 80 km or more can supported by this equipment. The media converter takes advantage of intelligent connection technology to provide auto-negotiation thereby eliminating the need to manually configure or monitor settings.



## ► Properties:

- plug and play designing
- compatible with IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standards
- Auto negotiation function allows UTP ports to auto select 10/100/1000M and Full Duplex or Half Duplex
- Available in single fiber WDM versions - 1310/1550 nm wavelengths used
- Supports automatic cross of twisted pair ports
- LED supported for link failure indication and status in order to better monitoring.

## ► Specifications:

Model	Sepitam-MC12G-SSF
Standards	IEEE802.3z 1000Base-SX/LX , IEEE802.3ab 1000Base-T Gigabit Ethernet IEEE802.3u,100Base-TX, IEEE 802.3 10Base-T
Wavelength	Multi-mode: 850 nm Single-mode: 1310 nm, 1550 nm
Transmission Distance	Fiber: Multi-mode: 550 m (fiber size: 50/125 μm) Single-mode: 10/20/50/80 km (fiber size: 8.3/125, 8.7/125, 9/125 or 10/125 μm) UTP: Cat. 5e or Cat. 6: 100 m
Port	Fiber (FX) SFP, RJ45(wire network)
MDI/MDI-X	Auto selection
LED Indicator	PWR: Illuminated for normal operation ALM: Illuminated when failure occurs on fiber or copper link LNK/ACT: Fiber link – Illuminated when receiving link pulses from compliant devices, Flashing when data packets are being transmitted/ received



Model	Sepitam-MC12G-SSF
Power input	5 V DC 2 A
Operating Temperature	0 °C to +65 °C
Storage Temperature	-20 °C to +75 °C
Storage Humidity	5% to 90% (non-condensing)

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