



SEPITAM
ONE STEP SMARTER

www.sepitam.com



SEPITAM
MC12G-DSC20



TYPE:

Sepitam-MC12G-DSC20

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-DSC20
- ▶ Technical Specification of Sepitam-MC12G-DSC20
- ▶ 2* 10/100/1000Base-T RJ45 ports & 1*10/100/1000Base-X fiber port

▶ **Description:**

The Sepitam-MC12G-DSC20 media converter is able to convert 100/1000 Mbps network signals between Unshielded Twisted Pair (Cat 5 network cabling) .This device can be used between 1000Base-TX cable and 1000Base-FX fiber optic based networks. This develops extension of networks over a long range in single-mode via fiber-optic cabling, send the Ethernet signals up to 20km. This device utilizes two cores in order to transmit and receive the information on fiber optic cable.

This Sepitam-MC12G-DSC20 supplies a 1000Base-TX cable and 1000Base-FX fiber cable or 100Base-T cable and 100Base-FX fiber cable and also 10Base-TX cable and 10Base-FX fiber cable for the data transmission auto-negotiating Ethernet connector that holds up full duplex and half duplex network connection and MDI/MDI-X Auto Crossover.

Smart designing and Plug and play design makes easy installation, easy LED monitoring, no on-site adjustment, electricity interfaces are in line with known standards, Products applicable to different harsh industrial environment.



► Properties:

- Stand-alone type
- Memory Cache size is more than 500KB, address table size is 4KB
- Hold up all IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d
- Supports 1000Base-FX fiber media transition
- Auto negotiation function Supports full duplex flow control or half duplex backpressure flow control
- Both ends can utilize different speed (100/1000 Mbps)
- Supports automatic cross connection in UTP Ethernet port
- Good compatibility and high reliability optical connector

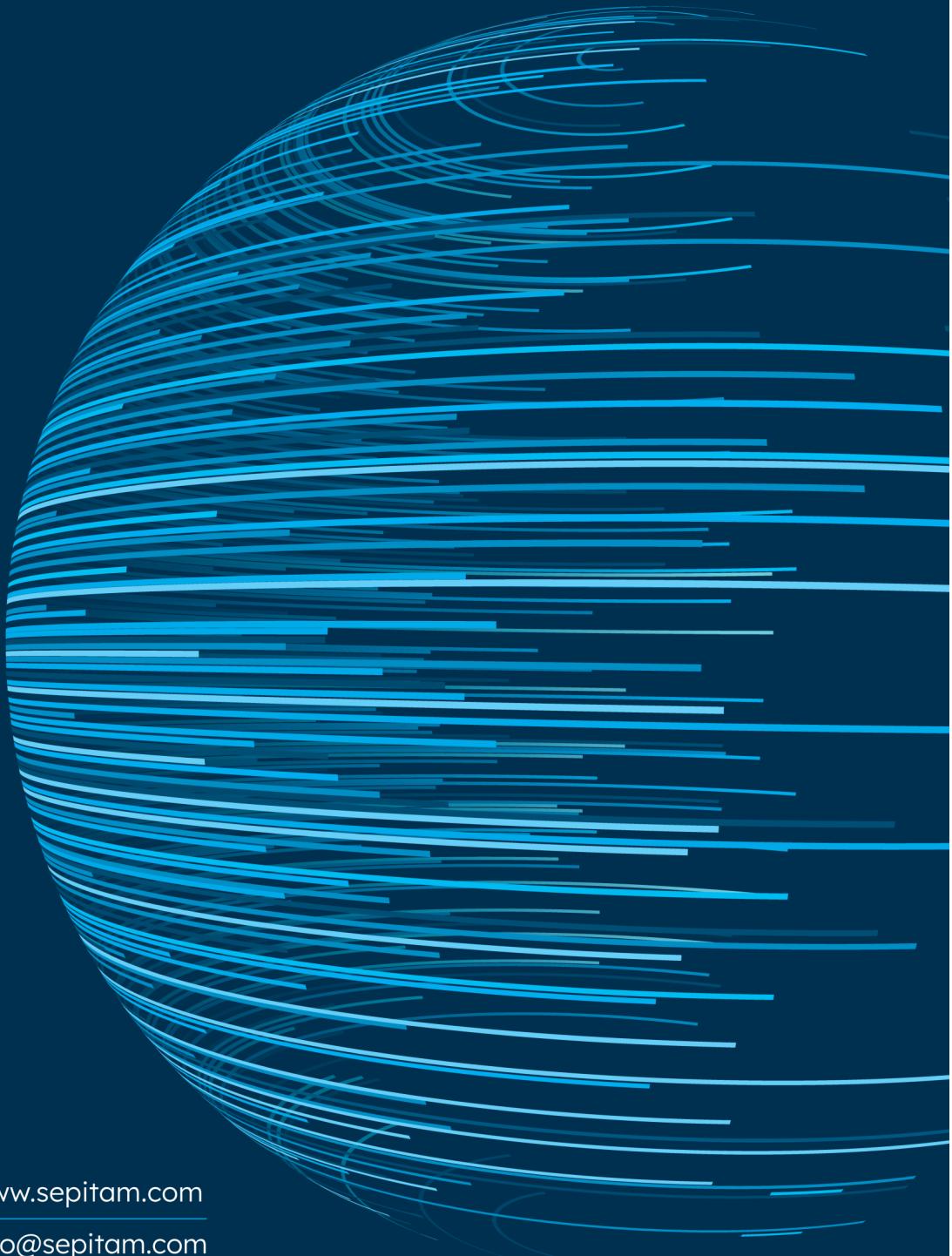
► Fiber Features:

Type	wavelength (nm)	TX power (dBm)	Distance (Km)	Loss (dBm/Km)	Fiber Type
Sepitam-MC12G-DSC20	1310	-10~-6	0~20	0.5	Single-mode (9/125um)

► Environmental Aspects:

- Operating Temperature: 0 $^{\circ}\text{C}$ ~+65 $^{\circ}\text{C}$
- Relative humidity: 0~90% (Non-condensing)
- Power Voltage: DC5v,2A
- MTBF: better than 10^5 hours

Technical Specification of Sepitam-MC12G-DSC20



www.sepitam.com

Info@sepitam.com