



## TYPE: Sepitam-MC11G-SSC20

### One Port 10/100/1000Mbps Series



#### Product Introduction

Sepitam provides a thorough, and complete series of One Port Media conversion solutions for flexible network extensions.

The **Sepitam-MC11G-SSC20** 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 just one core in order to transmit and receive the information on fiber optic cable.

This **Sepitam-MC11G-SSC20** supplies a 1000Base-TX cable and 1000Base-FX fiber cable or 100Base-T cable and 100Base-FL 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

#### Features:

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 100Base-FX fiber media transition

Auto negotiation function Supports full duplex flow control or half duplex backpressure flow control

Both ends can utilize different speed (10/100 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	Lose dBm/ Km	Fiber Type
Sepitam-MC11G-SSC20	1310	-10~-6	0~20	0.5	Single-mode (9/125um)

#### Environmental Aspects:

Operating Temperature: 0℃ ~+65℃

Relative humidity: 0~90% (Non-condensing)

Power Voltage: AC85-260v/50Hz

MTBF: better than 10<sup>5</sup> hours



# Technical Specification of Sepitam-MC11G-SSC20

شرکت سپیتام



[www.Sepitam.com](http://www.Sepitam.com)