DIGISOL®
SWITCHING SOLUTIONS

INDIA'S OWN IT NETWORKING CHOICE

DIGISOL 1000Base Single Mode Media Converter (20Kms)

DG-MC6123ES-PRL

3 YEARS WARRANTY*



Key Features:-

- Auto MDI/MDI-X
- Auto Negotiation
- Support flow control
- Supports IEEE802.1d Spanning Tree
- Hot Pluggable & Wall-Mountable
- Supports transmission speeds of 10/100Mbps full/half duplex
- Power -15~-3
- Rx sensitivity : -34 dBm

Introduction:-

DIGISOL DG-MC6123ES-PRL Media Converters can interconvert electrical signals of 10/100/1000Base-T twisted pairs with optical signals of 1000Base-FX. It extends the network transmission distance from 100m via copper cables to 25km via fiber optical cable. It enables the data to transmit in two different mediums of electrical and optical networks either by the technology of store-and-forward, or by the one of PHY cut-through. It supports transmission in single-mode single-fiber. The Media Converter has easy-to-read diagnostic LED's for continuous status reports on network speed, simplex media access control connection and network traffic. DIGISOL DG-MC6123ES-PRL Media converter is an ideal choice for CAMPUS Networks/FTTH networks.

Technical Specifications:-

10/100/1000Mbps to 1000Base-FX Media Converter (Single Mode 20Kms)

- Fiber Mode Single Mode
- Wavelength 1310nm / 1550nm
- Fiber Cable 9/125Micron
- Fiber Cable Distance 25Kms
- Fiber Connector SC type
- Copper UTP Port RJ-45

Environment Specifications

- Operating Temperature: 0°c~60°c
- Humidity: 5%~90% Non-condensing

Dimensions

- 94 x 70.5 x 26.5 mm

Warranty:

- DIGICARE 3 years warranty

Ordering Information:-

DG-MC6123ES-PRL : DIGISOL 10/100/1000M Single Fiber 1310/1550nm SC, Single Mode Media Converter (20Kms)

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

DIGISOL Logos are trademarks and/or registered trademarks of DIGISOL SYSTEMS LIMITED. Other trademarks, product, service and company names mentioned are the property of their respective owners. Information is subject to change without notice. The actual product appearance may differ from the one shown here.
© 2026 DIGISOL SYSTEMS LIMITED. All rights reserved.

10/100/1000Mbps | Full Duplex | Auto MDIX | PnP

DIGISOL is a Subsidiary of Smartlink Holdings Limited

DIGISOL SYSTEMS LIMITED
CITIPOINT, 7th Floor,
Unit No. B-701, B-702 & B-703,
Andheri-Kurla Road, J. B. Nagar,
Andheri (East),
Mumbai - 400059, INDIA

1800-209-3444
www.digisol.com
helpdesk@digisol.com

@DIGISOLINDIA

Datasheet Updated: 16th November 2026