

# DIGITUS Gigabit Media Converter, RJ45 / SC

DN-82120-1  
EAN 4016032293125



## Gigabit Ethernet Media Converter, Multimode SC connector, 850nm, up to 0.5km

The media converters from DIGITUS® are the ideal solution for the migration of copper and fiber network signals. From now on, you are able to access the fiber technology and transfer network signals over several kilometers without renewing your whole network infrastructure. The huge variety of products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of experience and a wide range of products lets DIGITUS® become a reliable partner for your network.

### The perfect converter solution for various fiber media

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 0.5km
- Wavelength: 850nm
- Multimode dual fiber
- Automatic cable detection - auto MDI / MDI-X function
- Auto-negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 50/125µm and 62.5/125µm Fiber Cables

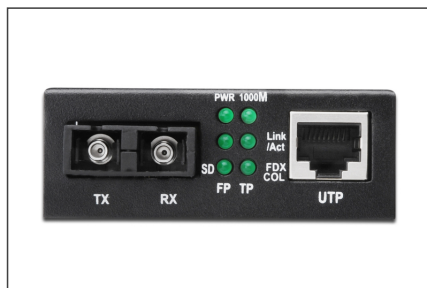
- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Connector 1: RJ45
- Connector 2: SC
- Mode: Multimode
- Distance (km): 0.5
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Gigabit

### Package contents

- Media Converter
- Quick installation guide
- Power adapter

| Logistics                    |              |             |            |            |             |                 |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm <sup>3</sup> |
| Packaging Unit Carton        | 20           | 9.00        | 30.00      | 27.00      | 55.00       | 44,550.00       |
| Packaging Unit Inside        | 1            | 0.45        | 6.00       | 21.60      | 16.10       | 2,086.56        |
| Packaging Unit Single        | 1            | 0.45        | 6.00       | 21.60      | 16.10       | 2,086.56        |
| Net single without Packaging | 1            | 0.18        | 12.00      | 7.00       | 2.60        | 0.00            |

More images:



| Model      | Speed      | Distance | Media | Max. Length | Operating Temperature | Accessories |
|------------|------------|----------|-------|-------------|-----------------------|-------------|
| DM-1000-1  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-2  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-3  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-4  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-5  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-6  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-7  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-8  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-9  | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-10 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-11 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-12 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-13 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-14 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-15 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-16 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-17 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-18 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-19 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-20 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-21 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-22 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-23 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-24 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-25 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-26 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-27 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-28 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-29 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-30 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-31 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-32 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-33 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-34 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-35 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-36 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-37 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-38 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-39 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-40 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-41 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-42 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-43 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-44 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-45 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-46 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-47 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-48 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-49 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |
| DM-1000-50 | 10/100Mbps | 100m     | UTP   | 100m        | 0°C ~ 40°C            |             |

