

# DIGITUS Gigabit Media Converter, RJ45 / ST

DN-82110-1  
EAN 4016032293118



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

Os Conversores multimídia da DIGITUS® são a solução ideal para a migração de sinais de rede de fibra e de cabo de cobre. A partir de agora, é possível aceder à tecnologia de fibra e transferir os sinais de rede ao longo de vários quilômetros sem ter de substituir toda a infra-estrutura de rede. A nossa grande variedade de produtos corresponde às suas necessidades individuais. O funcionamento intuitivo garante uma instalação fácil e rápida. Os anos de experiência e a grande variedade de produtos permitem que a DIGITUS® se torne num parceiro fiável para a sua engenharia de rede.

### A solução de conversão ideal para transmissão de dados óticos

- Converte sinais de rede baseados em cabo em sinais de fibra ótica
- Alta qualidade e excelente proteção contra falhas
- 10/100/1000Base-TX para 1000Base-SX
- Conectores: 1x RJ45, 1x ST Duplex
- Alcance até 0,5km
- Comprimento de onda: 850nm
- Fibra dupla de modo múltiplo
- Reconhecimento automático de cabo – função auto MDI/ MDI-X
- Autorreconhecimento de full e half duplex
- LED de diagnóstico sobre o estado e monitorização de atividade

- Adequado para cabos de fibra ótica multimodo de 50/125 µm e 62,5/125 µm
- Sensibilidade de receção: mínima -20 dBm
- Normas suportadas: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- Temperatura de Funcionamento: 0 a 60°C
- Dimensões (C x L x A): 95mm x 70mm x 26mm
- Peso: 200 g
- Conversor autónomo com alimentação externa
- Tensão de entrada: 5V DC

### Attributes

- Connector 1: RJ45
- Connector 2: ST
- Mode: Multimode
- Distance (km): 0.5
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Gigabit

### Package contents

- Conversor de media
- Guia de início rápido
- Fonte de alimentação

| Logistics                    |              |             |            |            |             |                 |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm <sup>3</sup> |
| Packaging Unit Carton        | 20           | 9.00        | 56.00      | 39.40      | 25.40       | 56,042.60       |
| 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            | 0.19        | 12.00      | 7.00       | 2.60        | 0.00            |

## More images:

| Product Number | SKU Code   | Speed      | Connector | Distance | Media | Wavelength | Operating Temperature | Additional Features |
|----------------|------------|------------|-----------|----------|-------|------------|-----------------------|---------------------|
| DA-4000-1      | 4000000001 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-2      | 4000000002 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-3      | 4000000003 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-4      | 4000000004 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-5      | 4000000005 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-6      | 4000000006 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-7      | 4000000007 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-8      | 4000000008 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-9      | 4000000009 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-10     | 4000000010 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-11     | 4000000011 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-12     | 4000000012 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-13     | 4000000013 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-14     | 4000000014 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-15     | 4000000015 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-16     | 4000000016 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-17     | 4000000017 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-18     | 4000000018 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-19     | 4000000019 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-20     | 4000000020 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-21     | 4000000021 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-22     | 4000000022 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-23     | 4000000023 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-24     | 4000000024 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-25     | 4000000025 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-26     | 4000000026 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-27     | 4000000027 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-28     | 4000000028 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-29     | 4000000029 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-30     | 4000000030 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-31     | 4000000031 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-32     | 4000000032 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-33     | 4000000033 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-34     | 4000000034 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-35     | 4000000035 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-36     | 4000000036 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-37     | 4000000037 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-38     | 4000000038 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-39     | 4000000039 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-40     | 4000000040 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-41     | 4000000041 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-42     | 4000000042 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-43     | 4000000043 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-44     | 4000000044 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-45     | 4000000045 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-46     | 4000000046 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-47     | 4000000047 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-48     | 4000000048 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-49     | 4000000049 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-50     | 4000000050 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-51     | 4000000051 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-52     | 4000000052 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-53     | 4000000053 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-54     | 4000000054 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-55     | 4000000055 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-56     | 4000000056 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-57     | 4000000057 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-58     | 4000000058 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-59     | 4000000059 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-60     | 4000000060 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-61     | 4000000061 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-62     | 4000000062 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-63     | 4000000063 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-64     | 4000000064 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-65     | 4000000065 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-66     | 4000000066 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-67     | 4000000067 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-68     | 4000000068 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-69     | 4000000069 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-70     | 4000000070 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-71     | 4000000071 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-72     | 4000000072 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-73     | 4000000073 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-74     | 4000000074 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-75     | 4000000075 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-76     | 4000000076 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-77     | 4000000077 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-78     | 4000000078 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-79     | 4000000079 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-80     | 4000000080 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-81     | 4000000081 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-82     | 4000000082 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-83     | 4000000083 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-84     | 4000000084 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-85     | 4000000085 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-86     | 4000000086 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-87     | 4000000087 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-88     | 4000000088 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-89     | 4000000089 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-90     | 4000000090 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-91     | 4000000091 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-92     | 4000000092 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-93     | 4000000093 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-94     | 4000000094 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-95     | 4000000095 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-96     | 4000000096 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-97     | 4000000097 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-98     | 4000000098 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |
| DA-4000-99     | 4000000099 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1310nm     | -10°C to 70°C         |                     |
| DA-4000-100    | 4000000100 | 10/100Mbps | SC Duplex | 10km     | Fiber | 1550nm     | -10°C to 70°C         |                     |



## Safety notes

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.
- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately.

## EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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