

# DIGITUS Industrial Gigabit Media Converter RJ45, SC 0.5km

DN-652101

EAN 4016032445715



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

The media converters from DIGITUS® are an optimal solution for the migration of copper and fiber optic signals. From now on, you can access the fiber optic technology and transmit fiber optic signals over several kilometers without having to replace your entire network cabling. With our comprehensive range of products, you can respond to your individual needs. The intuitive operation guarantees a quick and easy installation. Many years of experience and a diverse range of services make DIGITUS® a reliable partner for your network technology.

### The perfect converter solution for optical data transmission

- Converts wire-based network signals into fiber optic signals
- High quality and the highest reliability
- 10/100/1000Base-TX to 1000Base-SX
- Ports: 1x RJ45, 1x SC duplex
- Range of up to 0.5km
- Wavelength: 850nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Diagnostic LEDs for status and activity monitoring
- Suitable for 50/125µm, 62.5/125µm, and 100/140µm fiber optic cables (multimode)

- Compact, robust metal housing
- Excellent short circuit protection
- Lightning and overvoltage protection
- DIN rail (top hat rail) and wall mounting possible
- Redundant power supply: 12~56 V DC, redundant power supply with reverse polarity protection function
- Extended operating temperature range, -40 °C ~ +85 °C
- Removable terminal connection
- Protection class IP40

### Attributes

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

### Package contents

- Industrial Gigabit Media Converter RJ45, SC 0.5km
- Quick start guide

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	10.00	45.00	36.00	37.00	59.94
Packaging Unit Inside	1	0.50	7.00	18.00	22.00	2,772.00
Packaging Unit Single	1	0.50	7.00	18.00	22.00	2,772.00
Net single without Packaging	0	0.30	4.00	8.00	12.00	384.00

**More images:**



**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.

ASSMANN Electronic GmbH  
Auf dem Schüffel 3  
Lüdenscheid, Germany  
<https://www.assmann.com>  
[info@assmann.com](mailto:info@assmann.com)