

DIGITUS Bidirectional Gigabit Media Converter, RJ45 / SC

DN-82122

EAN 4016032307938



Gigabit Ethernet Media Converter, Singlemode, BiDi Tx1310nm / Rx1550nm, SC connector, up to 20km

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-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single 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
- Link Fault Pass Through (LFP) function for easier network maintenance
- Suitable for 9/125µm Fiber Cables

- 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
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82123

Attributes

- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Biidirectional
- 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)	cm³
Packaging Unit Carton	20	9.00	30.00	27.00	55.00	44,550.00
Packaging Unit Inside	1	0.45	5.50	13.00	24.00	1,716.00
Packaging Unit Single	1	0.45	5.50	13.00	24.00	1,716.00
Net single without Packaging	1	0.00	2.60	7.00	9.50	0.00

More images:

Product Name	SKU Code	Speed	Connector	Distance	Media	Mounting	Operating Temperature	Additional Notes
DA-4000-1	4000000001	100Mbps	LC/PLC	100m	Fiber	1U Rack	0°C to 40°C	
DA-4000-2	4000000002	100Mbps	LC/PLC	200m	Fiber	1U Rack	0°C to 40°C	
DA-4000-3	4000000003	100Mbps	LC/PLC	300m	Fiber	1U Rack	0°C to 40°C	
DA-4000-4	4000000004	100Mbps	LC/PLC	400m	Fiber	1U Rack	0°C to 40°C	
DA-4000-5	4000000005	100Mbps	LC/PLC	500m	Fiber	1U Rack	0°C to 40°C	
DA-4000-6	4000000006	100Mbps	LC/PLC	600m	Fiber	1U Rack	0°C to 40°C	
DA-4000-7	4000000007	100Mbps	LC/PLC	700m	Fiber	1U Rack	0°C to 40°C	
DA-4000-8	4000000008	100Mbps	LC/PLC	800m	Fiber	1U Rack	0°C to 40°C	
DA-4000-9	4000000009	100Mbps	LC/PLC	900m	Fiber	1U Rack	0°C to 40°C	
DA-4000-10	4000000010	100Mbps	LC/PLC	1000m	Fiber	1U Rack	0°C to 40°C	
DA-4000-11	4000000011	100Mbps	LC/PLC	1100m	Fiber	1U Rack	0°C to 40°C	
DA-4000-12	4000000012	100Mbps	LC/PLC	1200m	Fiber	1U Rack	0°C to 40°C	
DA-4000-13	4000000013	100Mbps	LC/PLC	1300m	Fiber	1U Rack	0°C to 40°C	
DA-4000-14	4000000014	100Mbps	LC/PLC	1400m	Fiber	1U Rack	0°C to 40°C	
DA-4000-15	4000000015	100Mbps	LC/PLC	1500m	Fiber	1U Rack	0°C to 40°C	
DA-4000-16	4000000016	100Mbps	LC/PLC	1600m	Fiber	1U Rack	0°C to 40°C	
DA-4000-17	4000000017	100Mbps	LC/PLC	1700m	Fiber	1U Rack	0°C to 40°C	
DA-4000-18	4000000018	100Mbps	LC/PLC	1800m	Fiber	1U Rack	0°C to 40°C	
DA-4000-19	4000000019	100Mbps	LC/PLC	1900m	Fiber	1U Rack	0°C to 40°C	
DA-4000-20	4000000020	100Mbps	LC/PLC	2000m	Fiber	1U Rack	0°C to 40°C	
DA-4000-21	4000000021	100Mbps	LC/PLC	2100m	Fiber	1U Rack	0°C to 40°C	
DA-4000-22	4000000022	100Mbps	LC/PLC	2200m	Fiber	1U Rack	0°C to 40°C	
DA-4000-23	4000000023	100Mbps	LC/PLC	2300m	Fiber	1U Rack	0°C to 40°C	
DA-4000-24	4000000024	100Mbps	LC/PLC	2400m	Fiber	1U Rack	0°C to 40°C	
DA-4000-25	4000000025	100Mbps	LC/PLC	2500m	Fiber	1U Rack	0°C to 40°C	
DA-4000-26	4000000026	100Mbps	LC/PLC	2600m	Fiber	1U Rack	0°C to 40°C	
DA-4000-27	4000000027	100Mbps	LC/PLC	2700m	Fiber	1U Rack	0°C to 40°C	
DA-4000-28	4000000028	100Mbps	LC/PLC	2800m	Fiber	1U Rack	0°C to 40°C	
DA-4000-29	4000000029	100Mbps	LC/PLC	2900m	Fiber	1U Rack	0°C to 40°C	
DA-4000-30	4000000030	100Mbps	LC/PLC	3000m	Fiber	1U Rack	0°C to 40°C	
DA-4000-31	4000000031	100Mbps	LC/PLC	3100m	Fiber	1U Rack	0°C to 40°C	
DA-4000-32	4000000032	100Mbps	LC/PLC	3200m	Fiber	1U Rack	0°C to 40°C	
DA-4000-33	4000000033	100Mbps	LC/PLC	3300m	Fiber	1U Rack	0°C to 40°C	
DA-4000-34	4000000034	100Mbps	LC/PLC	3400m	Fiber	1U Rack	0°C to 40°C	
DA-4000-35	4000000035	100Mbps	LC/PLC	3500m	Fiber	1U Rack	0°C to 40°C	
DA-4000-36	4000000036	100Mbps	LC/PLC	3600m	Fiber	1U Rack	0°C to 40°C	
DA-4000-37	4000000037	100Mbps	LC/PLC	3700m	Fiber	1U Rack	0°C to 40°C	
DA-4000-38	4000000038	100Mbps	LC/PLC	3800m	Fiber	1U Rack	0°C to 40°C	
DA-4000-39	4000000039	100Mbps	LC/PLC	3900m	Fiber	1U Rack	0°C to 40°C	
DA-4000-40	4000000040	100Mbps	LC/PLC	4000m	Fiber	1U Rack	0°C to 40°C	
DA-4000-41	4000000041	100Mbps	LC/PLC	4100m	Fiber	1U Rack	0°C to 40°C	
DA-4000-42	4000000042	100Mbps	LC/PLC	4200m	Fiber	1U Rack	0°C to 40°C	
DA-4000-43	4000000043	100Mbps	LC/PLC	4300m	Fiber	1U Rack	0°C to 40°C	
DA-4000-44	4000000044	100Mbps	LC/PLC	4400m	Fiber	1U Rack	0°C to 40°C	
DA-4000-45	4000000045	100Mbps	LC/PLC	4500m	Fiber	1U Rack	0°C to 40°C	
DA-4000-46	4000000046	100Mbps	LC/PLC	4600m	Fiber	1U Rack	0°C to 40°C	
DA-4000-47	4000000047	100Mbps	LC/PLC	4700m	Fiber	1U Rack	0°C to 40°C	
DA-4000-48	4000000048	100Mbps	LC/PLC	4800m	Fiber	1U Rack	0°C to 40°C	
DA-4000-49	4000000049	100Mbps	LC/PLC	4900m	Fiber	1U Rack	0°C to 40°C	
DA-4000-50	4000000050	100Mbps	LC/PLC	5000m	Fiber	1U Rack	0°C to 40°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

EU responsible person

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

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