

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

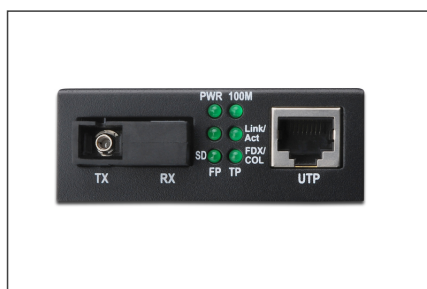
Package contents

- 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	44.55
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	0	0.00	2.60	7.00	9.50	172.90

More images:

Product Name	SKU Code	Speed	Connector	Distance	Media	Mounting	Operating Temperature	Additional Notes
DA-4000-1	4000000001	100Mbps	LC-LC	100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-2	4000000002	100Mbps	LC-LC	200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-3	4000000003	100Mbps	LC-LC	300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-4	4000000004	100Mbps	LC-LC	400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-5	4000000005	100Mbps	LC-LC	500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-6	4000000006	100Mbps	LC-LC	600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-7	4000000007	100Mbps	LC-LC	700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-8	4000000008	100Mbps	LC-LC	800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-9	4000000009	100Mbps	LC-LC	900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-10	4000000010	100Mbps	LC-LC	1000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-11	4000000011	100Mbps	LC-LC	1100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-12	4000000012	100Mbps	LC-LC	1200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-13	4000000013	100Mbps	LC-LC	1300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-14	4000000014	100Mbps	LC-LC	1400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-15	4000000015	100Mbps	LC-LC	1500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-16	4000000016	100Mbps	LC-LC	1600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-17	4000000017	100Mbps	LC-LC	1700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-18	4000000018	100Mbps	LC-LC	1800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-19	4000000019	100Mbps	LC-LC	1900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-20	4000000020	100Mbps	LC-LC	2000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-21	4000000021	100Mbps	LC-LC	2100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-22	4000000022	100Mbps	LC-LC	2200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-23	4000000023	100Mbps	LC-LC	2300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-24	4000000024	100Mbps	LC-LC	2400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-25	4000000025	100Mbps	LC-LC	2500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-26	4000000026	100Mbps	LC-LC	2600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-27	4000000027	100Mbps	LC-LC	2700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-28	4000000028	100Mbps	LC-LC	2800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-29	4000000029	100Mbps	LC-LC	2900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-30	4000000030	100Mbps	LC-LC	3000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-31	4000000031	100Mbps	LC-LC	3100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-32	4000000032	100Mbps	LC-LC	3200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-33	4000000033	100Mbps	LC-LC	3300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-34	4000000034	100Mbps	LC-LC	3400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-35	4000000035	100Mbps	LC-LC	3500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-36	4000000036	100Mbps	LC-LC	3600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-37	4000000037	100Mbps	LC-LC	3700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-38	4000000038	100Mbps	LC-LC	3800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-39	4000000039	100Mbps	LC-LC	3900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-40	4000000040	100Mbps	LC-LC	4000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-41	4000000041	100Mbps	LC-LC	4100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-42	4000000042	100Mbps	LC-LC	4200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-43	4000000043	100Mbps	LC-LC	4300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-44	4000000044	100Mbps	LC-LC	4400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-45	4000000045	100Mbps	LC-LC	4500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-46	4000000046	100Mbps	LC-LC	4600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-47	4000000047	100Mbps	LC-LC	4700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-48	4000000048	100Mbps	LC-LC	4800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-49	4000000049	100Mbps	LC-LC	4900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-50	4000000050	100Mbps	LC-LC	5000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-51	4000000051	100Mbps	LC-LC	5100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-52	4000000052	100Mbps	LC-LC	5200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-53	4000000053	100Mbps	LC-LC	5300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-54	4000000054	100Mbps	LC-LC	5400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-55	4000000055	100Mbps	LC-LC	5500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-56	4000000056	100Mbps	LC-LC	5600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-57	4000000057	100Mbps	LC-LC	5700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-58	4000000058	100Mbps	LC-LC	5800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-59	4000000059	100Mbps	LC-LC	5900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-60	4000000060	100Mbps	LC-LC	6000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-61	4000000061	100Mbps	LC-LC	6100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-62	4000000062	100Mbps	LC-LC	6200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-63	4000000063	100Mbps	LC-LC	6300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-64	4000000064	100Mbps	LC-LC	6400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-65	4000000065	100Mbps	LC-LC	6500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-66	4000000066	100Mbps	LC-LC	6600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-67	4000000067	100Mbps	LC-LC	6700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-68	4000000068	100Mbps	LC-LC	6800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-69	4000000069	100Mbps	LC-LC	6900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-70	4000000070	100Mbps	LC-LC	7000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-71	4000000071	100Mbps	LC-LC	7100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-72	4000000072	100Mbps	LC-LC	7200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-73	4000000073	100Mbps	LC-LC	7300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-74	4000000074	100Mbps	LC-LC	7400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-75	4000000075	100Mbps	LC-LC	7500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-76	4000000076	100Mbps	LC-LC	7600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-77	4000000077	100Mbps	LC-LC	7700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-78	4000000078	100Mbps	LC-LC	7800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-79	4000000079	100Mbps	LC-LC	7900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-80	4000000080	100Mbps	LC-LC	8000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-81	4000000081	100Mbps	LC-LC	8100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-82	4000000082	100Mbps	LC-LC	8200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-83	4000000083	100Mbps	LC-LC	8300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-84	4000000084	100Mbps	LC-LC	8400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-85	4000000085	100Mbps	LC-LC	8500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-86	4000000086	100Mbps	LC-LC	8600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-87	4000000087	100Mbps	LC-LC	8700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-88	4000000088	100Mbps	LC-LC	8800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-89	4000000089	100Mbps	LC-LC	8900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-90	4000000090	100Mbps	LC-LC	9000m	Fiber	19" Rack	0°C to 55°C	
DA-4000-91	4000000091	100Mbps	LC-LC	9100m	Fiber	19" Rack	0°C to 55°C	
DA-4000-92	4000000092	100Mbps	LC-LC	9200m	Fiber	19" Rack	0°C to 55°C	
DA-4000-93	4000000093	100Mbps	LC-LC	9300m	Fiber	19" Rack	0°C to 55°C	
DA-4000-94	4000000094	100Mbps	LC-LC	9400m	Fiber	19" Rack	0°C to 55°C	
DA-4000-95	4000000095	100Mbps	LC-LC	9500m	Fiber	19" Rack	0°C to 55°C	
DA-4000-96	4000000096	100Mbps	LC-LC	9600m	Fiber	19" Rack	0°C to 55°C	
DA-4000-97	4000000097	100Mbps	LC-LC	9700m	Fiber	19" Rack	0°C to 55°C	
DA-4000-98	4000000098	100Mbps	LC-LC	9800m	Fiber	19" Rack	0°C to 55°C	
DA-4000-99	4000000099	100Mbps	LC-LC	9900m	Fiber	19" Rack	0°C to 55°C	
DA-4000-100	4000000100	100Mbps	LC-LC	10000m	Fiber	19" Rack	0°C to 55°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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