

DIGITUS Bidirectional Fast Ethernet Media Converter, RJ45 / SC

DN-82023

EAN 4016032293156



Fast Ethernet Media Converter, Singlemode, BiDi Tx1550nm / Rx1310nm, 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. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. 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
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1550nm / Rx 1310nm
- 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
- Transmission power: minimum -8 dBm, maximum -3 dBm
- Sensitivity Receiving Power: Minimum -36 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB data buffer
- Operating temperature: 0 to 55°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-82022

Attributes

- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Biidirectional
- PoE injector: no
- Ethernet speed: Fast Ethernet

Package contents

- Media Converter
- Quick installation guide
- Power adapter

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