

# DIGITUS Fast Ethernet Media Converter, RJ45 / ST

DN-82010-1  
EAN 4016032293088



## DIGITUS Media Converter, Multimode 10/100Base-TX to 100Base-FX, Incl. PSU

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

- Converts wire-based network signals into fiber optic signals
- High quality and maximum reliability
- 10/100Base-TX to 100Base-FX
- Connections: 1x RJ45, 1x ST Duplex
- Range: up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-detection of full and half-duplex
- Diagnostic LEDs for status and activity monitoring
- Link Fault Pass Through (LFP) function for simple fault detection
- Suitable for 50/125µm and 62.5/125µm fiber optic cables

- Transmission power: minimum -22 dBm, maximum -12 dBm
- Reception sensitivity: Minimum -30 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: 200 g
- Standalone converter with external power supply unit
- Input voltage: 5V DC
- Max. Current consumption: 800mA
- Power consumption: 21.5W

### Attributes

- Konektor 1: RJ45
- Konektor 2: ST
- Mod: Višemodni
- Udaljenost (km): 2
- Industrijska uporaba: Ne
- Način emitiranja: Jednosmjerno
- PoE injektor: Ne
- Ethernet brzina: Brzi Ethernet

### Package contents

- Media Converter
- Quick installation guide
- Power adapter

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	20	10.00	30.00	27.00	55.00	44.55
Packaging Unit Inside	1	0.50	6.00	21.60	16.10	0.00
Packaging Unit Single	1	0.50	6.00	21.60	16.10	0.00
Net single without Packaging	0	0.18	12.00	7.00	2.60	218.40

## More images:

Product Name	SKU Code	Speed	Connector	Distance	Media	Wavelength	Operating Temperature	Additional Notes
DA-4000-1	4000000001	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-2	4000000002	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-3	4000000003	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-4	4000000004	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-5	4000000005	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-6	4000000006	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-7	4000000007	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-8	4000000008	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-9	4000000009	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-10	4000000010	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-11	4000000011	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-12	4000000012	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-13	4000000013	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-14	4000000014	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-15	4000000015	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-16	4000000016	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-17	4000000017	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-18	4000000018	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-19	4000000019	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-20	4000000020	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-21	4000000021	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-22	4000000022	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-23	4000000023	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-24	4000000024	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-25	4000000025	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-26	4000000026	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-27	4000000027	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-28	4000000028	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-29	4000000029	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-30	4000000030	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-31	4000000031	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-32	4000000032	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-33	4000000033	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-34	4000000034	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-35	4000000035	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-36	4000000036	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-37	4000000037	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-38	4000000038	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-39	4000000039	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-40	4000000040	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-41	4000000041	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-42	4000000042	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-43	4000000043	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-44	4000000044	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-45	4000000045	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-46	4000000046	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-47	4000000047	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-48	4000000048	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-49	4000000049	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-50	4000000050	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-51	4000000051	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-52	4000000052	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-53	4000000053	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-54	4000000054	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-55	4000000055	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-56	4000000056	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-57	4000000057	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-58	4000000058	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-59	4000000059	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-60	4000000060	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-61	4000000061	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-62	4000000062	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-63	4000000063	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-64	4000000064	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-65	4000000065	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-66	4000000066	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-67	4000000067	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-68	4000000068	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-69	4000000069	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-70	4000000070	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-71	4000000071	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-72	4000000072	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-73	4000000073	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-74	4000000074	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-75	4000000075	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-76	4000000076	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-77	4000000077	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-78	4000000078	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-79	4000000079	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-80	4000000080	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-81	4000000081	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-82	4000000082	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-83	4000000083	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-84	4000000084	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-85	4000000085	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-86	4000000086	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-87	4000000087	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-88	4000000088	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-89	4000000089	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-90	4000000090	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-91	4000000091	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-92	4000000092	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-93	4000000093	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-94	4000000094	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-95	4000000095	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-96	4000000096	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-97	4000000097	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-98	4000000098	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 to 70 °C	
DA-4000-99	4000000099	1000Mbps	SC to SC	10km	Fiber	1310nm	-10 to 70 °C	
DA-4000-100	4000000100	1000Mbps	SC to SC	10km	Fiber	1550nm	-10 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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