

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

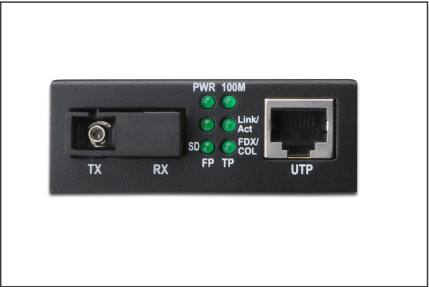
Package contents

- 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	0.35	5.50	13.00	24.00	1,716.00

More images:

Media Converter									
Product Number	SKU Code	Speed	Connector	Distance	Media	Wavelength	Operating Temperature	Associated Device	
DA-4000-1	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-2	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-3	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-4	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-5	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-6	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-7	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-8	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-9	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-10	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-11	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-12	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-13	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-14	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-15	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-16	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-17	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-18	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-19	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-20	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-21	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-22	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-23	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-24	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-25	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-26	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-27	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-28	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-29	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-30	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-31	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-32	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-33	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-34	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-35	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-36	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-37	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-38	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-39	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-40	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-41	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-42	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-43	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-44	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-45	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-46	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-47	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-48	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-49	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-50	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-51	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-52	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-53	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-54	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-55	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-56	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-57	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-58	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-59	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-60	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-61	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-62	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-63	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-64	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-65	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-66	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-67	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-68	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-69	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-70	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-71	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-72	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-73	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-74	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-75	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-76	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-77	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-78	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-79	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-80	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-81	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-82	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-83	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-84	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-85	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-86	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-87	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-88	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-89	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-90	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-91	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-92	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-93	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-94	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-95	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-96	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-97	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-98	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 to 70°C		
DA-4000-99	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1310nm	-40 to 70°C		
DA-4000-100	40000000000000000000	100Mbps	100Base-FX	100km	Fiber	1550nm	-40 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