

# DIGITUS Fast Ethernet Media Converter, RJ45 / SC

DN-82020-1  
EAN 4016032293095



**KONVERTER DN-82020-1 SC/RJ45 MM TX/FX 100-D SC connector, 1310nm, up to 2km**

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-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance: up to 2km
- Wavelength: 1310nm
- Multimode dual 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 50/125µm and 62.5/125µm Fiber Cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: 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: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W

**Attributes**

- Konektor 1: RJ45
- Konektor 2: SC
- 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	9.70	56.00	40.00	25.50	57.12
Packaging Unit Inside	1	0.49	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.49	6.00	21.60	16.10	2,086.56
Net single without Packaging	0	0.18	12.00	7.00	2.60	218.40

More images:



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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Product Number	SKU Code	Speed	Connector	Distance	Medium	Wavelength	Shielding Protection	Labeling System
284-0000-01	AK-00000001	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-02	AK-00000002	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-03	AK-00000003	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-04	AK-00000004	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-05	AK-00000005	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-06	AK-00000006	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-07	AK-00000007	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-08	AK-00000008	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-09	AK-00000009	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-10	AK-00000010	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-11	AK-00000011	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-12	AK-00000012	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-13	AK-00000013	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-14	AK-00000014	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-15	AK-00000015	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-16	AK-00000016	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-17	AK-00000017	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-18	AK-00000018	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-19	AK-00000019	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-20	AK-00000020	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-21	AK-00000021	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-22	AK-00000022	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-23	AK-00000023	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-24	AK-00000024	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-25	AK-00000025	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-26	AK-00000026	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-27	AK-00000027	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-28	AK-00000028	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-29	AK-00000029	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-30	AK-00000030	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-31	AK-00000031	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-32	AK-00000032	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-33	AK-00000033	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-34	AK-00000034	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-35	AK-00000035	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-36	AK-00000036	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-37	AK-00000037	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-38	AK-00000038	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-39	AK-00000039	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-40	AK-00000040	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-41	AK-00000041	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-42	AK-00000042	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-43	AK-00000043	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-44	AK-00000044	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-45	AK-00000045	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-46	AK-00000046	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-47	AK-00000047	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-48	AK-00000048	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-49	AK-00000049	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None
284-0000-50	AK-00000050	10/100Mbps	SC-Multimode OM3	2000m	Plastic	1310nm	None	None