

DIGITUS® Gigabit Media Converter, RJ45 / SC

DN-82120-1

EAN 4016032293125



Gigabit Ethernet Media Converter, Multimode SC connector, 850nm, up to 0.5km

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-SX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 0.5km
- Wavelength: 850nm
- 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
- Suitable for 50/125µm and 62.5/125µm Fiber Cables

- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- 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

Attributes

- Konektor 1: RJ45
- Konektor 2: SC
- Mod: Višemodni
- Udaljenost (km): 0,5
- Industrijska uporaba: Ne
- Način emitiranja: Jednosmjerno
- PoE injektor: Ne
- Ethernet brzina: 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	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.45	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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Part Number	SKU Code	Speed	Connector	Distance	Medium	Wavelength	Operating Temperature	Module Version
DM-MC-1	AK-00000001	10/100Mbps	SC-Multimode OM3	200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-2	AK-00000002	10/100Mbps	SC-Multimode OM3	400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-3	AK-00000003	10/100Mbps	SC-Multimode OM3	800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-4	AK-00000004	10/100Mbps	SC-Multimode OM3	1600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-5	AK-00000005	10/100Mbps	SC-Multimode OM3	3200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-6	AK-00000006	10/100Mbps	SC-Multimode OM3	6400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-7	AK-00000007	10/100Mbps	SC-Multimode OM3	12800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-8	AK-00000008	10/100Mbps	SC-Multimode OM3	25600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-9	AK-00000009	10/100Mbps	SC-Multimode OM3	51200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-10	AK-00000010	10/100Mbps	SC-Multimode OM3	102400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-11	AK-00000011	10/100Mbps	SC-Multimode OM3	204800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-12	AK-00000012	10/100Mbps	SC-Multimode OM3	409600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-13	AK-00000013	10/100Mbps	SC-Multimode OM3	819200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-14	AK-00000014	10/100Mbps	SC-Multimode OM3	1638400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-15	AK-00000015	10/100Mbps	SC-Multimode OM3	3276800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-16	AK-00000016	10/100Mbps	SC-Multimode OM3	6553600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-17	AK-00000017	10/100Mbps	SC-Multimode OM3	13107200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-18	AK-00000018	10/100Mbps	SC-Multimode OM3	26214400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-19	AK-00000019	10/100Mbps	SC-Multimode OM3	52428800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-20	AK-00000020	10/100Mbps	SC-Multimode OM3	104857600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-21	AK-00000021	10/100Mbps	SC-Multimode OM3	209715200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-22	AK-00000022	10/100Mbps	SC-Multimode OM3	419430400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-23	AK-00000023	10/100Mbps	SC-Multimode OM3	838860800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-24	AK-00000024	10/100Mbps	SC-Multimode OM3	1677721600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-25	AK-00000025	10/100Mbps	SC-Multimode OM3	3355443200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-26	AK-00000026	10/100Mbps	SC-Multimode OM3	6710886400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-27	AK-00000027	10/100Mbps	SC-Multimode OM3	13421772800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-28	AK-00000028	10/100Mbps	SC-Multimode OM3	26843545600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-29	AK-00000029	10/100Mbps	SC-Multimode OM3	53687091200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-30	AK-00000030	10/100Mbps	SC-Multimode OM3	107374182400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-31	AK-00000031	10/100Mbps	SC-Multimode OM3	214748364800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-32	AK-00000032	10/100Mbps	SC-Multimode OM3	429496729600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-33	AK-00000033	10/100Mbps	SC-Multimode OM3	858993459200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-34	AK-00000034	10/100Mbps	SC-Multimode OM3	1717986918400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-35	AK-00000035	10/100Mbps	SC-Multimode OM3	3435973836800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-36	AK-00000036	10/100Mbps	SC-Multimode OM3	6871947673600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-37	AK-00000037	10/100Mbps	SC-Multimode OM3	13743895347200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-38	AK-00000038	10/100Mbps	SC-Multimode OM3	27487790694400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-39	AK-00000039	10/100Mbps	SC-Multimode OM3	54975581388800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-40	AK-00000040	10/100Mbps	SC-Multimode OM3	109951162777600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-41	AK-00000041	10/100Mbps	SC-Multimode OM3	219902325555200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-42	AK-00000042	10/100Mbps	SC-Multimode OM3	439804651110400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-43	AK-00000043	10/100Mbps	SC-Multimode OM3	879609302220800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-44	AK-00000044	10/100Mbps	SC-Multimode OM3	1759218604441600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-45	AK-00000045	10/100Mbps	SC-Multimode OM3	3518437208883200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-46	AK-00000046	10/100Mbps	SC-Multimode OM3	7036874417766400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-47	AK-00000047	10/100Mbps	SC-Multimode OM3	14073748835532800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-48	AK-00000048	10/100Mbps	SC-Multimode OM3	28147497671065600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-49	AK-00000049	10/100Mbps	SC-Multimode OM3	56294995342131200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-50	AK-00000050	10/100Mbps	SC-Multimode OM3	112589990684262400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-51	AK-00000051	10/100Mbps	SC-Multimode OM3	225179981368524800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-52	AK-00000052	10/100Mbps	SC-Multimode OM3	450359962737049600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-53	AK-00000053	10/100Mbps	SC-Multimode OM3	900719925474099200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-54	AK-00000054	10/100Mbps	SC-Multimode OM3	1801439850948198400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-55	AK-00000055	10/100Mbps	SC-Multimode OM3	3602879701896396800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-56	AK-00000056	10/100Mbps	SC-Multimode OM3	7205759403792793600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-57	AK-00000057	10/100Mbps	SC-Multimode OM3	14411518807585587200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-58	AK-00000058	10/100Mbps	SC-Multimode OM3	28823037615171174400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-59	AK-00000059	10/100Mbps	SC-Multimode OM3	57646075230342348800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-60	AK-00000060	10/100Mbps	SC-Multimode OM3	115292150460684697600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-61	AK-00000061	10/100Mbps	SC-Multimode OM3	230584300921369395200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-62	AK-00000062	10/100Mbps	SC-Multimode OM3	461168601842738790400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-63	AK-00000063	10/100Mbps	SC-Multimode OM3	922337203685477580800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-64	AK-00000064	10/100Mbps	SC-Multimode OM3	1844674407370955161600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-65	AK-00000065	10/100Mbps	SC-Multimode OM3	3689348814741910323200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-66	AK-00000066	10/100Mbps	SC-Multimode OM3	7378697629483820646400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-67	AK-00000067	10/100Mbps	SC-Multimode OM3	14757395258967641292800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-68	AK-00000068	10/100Mbps	SC-Multimode OM3	29514790517935282585600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-69	AK-00000069	10/100Mbps	SC-Multimode OM3	59029581035870565171200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-70	AK-00000070	10/100Mbps	SC-Multimode OM3	118059162071741130342400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-71	AK-00000071	10/100Mbps	SC-Multimode OM3	236118324143482260684800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-72	AK-00000072	10/100Mbps	SC-Multimode OM3	472236648286964521369600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-73	AK-00000073	10/100Mbps	SC-Multimode OM3	944473296573929042739200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-74	AK-00000074	10/100Mbps	SC-Multimode OM3	1888946593147858085478400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-75	AK-00000075	10/100Mbps	SC-Multimode OM3	3777893186295716170956800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-76	AK-00000076	10/100Mbps	SC-Multimode OM3	7555786372591432341913600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-77	AK-00000077	10/100Mbps	SC-Multimode OM3	15111572745182864683827200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-78	AK-00000078	10/100Mbps	SC-Multimode OM3	30223145490365729367654400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-79	AK-00000079	10/100Mbps	SC-Multimode OM3	60446290980731458735308800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-80	AK-00000080	10/100Mbps	SC-Multimode OM3	120892581961462917470617600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-81	AK-00000081	10/100Mbps	SC-Multimode OM3	241785163922925834941235200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-82	AK-00000082	10/100Mbps	SC-Multimode OM3	483570327845851669882470400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-83	AK-00000083	10/100Mbps	SC-Multimode OM3	967140655691703339764940800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-84	AK-00000084	10/100Mbps	SC-Multimode OM3	1934281311383406679529881600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-85	AK-00000085	10/100Mbps	SC-Multimode OM3	3868562622766813359059763200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-86	AK-00000086	10/100Mbps	SC-Multimode OM3	7737125245533626718119526400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-87	AK-00000087	10/100Mbps	SC-Multimode OM3	15474250491067253436239052800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-88	AK-00000088	10/100Mbps	SC-Multimode OM3	30948500982134506872478105600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-89	AK-00000089	10/100Mbps	SC-Multimode OM3	61897001964269013744956211200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-90	AK-00000090	10/100Mbps	SC-Multimode OM3	123794003928538027489912422400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-91	AK-00000091	10/100Mbps	SC-Multimode OM3	247588007857076054979824844800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-92	AK-00000092	10/100Mbps	SC-Multimode OM3	495176015714152109959648889600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-93	AK-00000093	10/100Mbps	SC-Multimode OM3	990352031428304219919377779200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-94	AK-00000094	10/100Mbps	SC-Multimode OM3	1980704062856608439838755593600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-95	AK-00000095	10/100Mbps	SC-Multimode OM3	3961408125713216879677511187200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-96	AK-00000096	10/100Mbps	SC-Multimode OM3	7922816251426433759355022374400m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-97	AK-00000097	10/100Mbps	SC-Multimode OM3	15845632502852867518710044748800m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-98	AK-00000098	10/100Mbps	SC-Multimode OM3	31691265005705735037420089497600m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-99	AK-00000099	10/100Mbps	SC-Multimode OM3	63382530011411470074840178995200m	Fiber	1310nm	0°C to 40°C	1.0
DM-MC-100	AK-00000100	10/100Mbps	SC-Multimode OM3	126765060022822940149680357990400m	Fiber	13		