

# 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

- Connector 1: RJ45
- Connector 2: SC
- Mode: Multimode
- Distance (km): 0.5
- Industrial usage: no
- Broadcasting mode: Unidirectional
- PoE injector: no
- Ethernet speed: 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	44,550.00
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:



Model	SKU Code	Speed	Connector	Distance	Medium	Max. Throughput	Standby Power	Max. Power
DM-1000-1	AK-100000001	10/100Mbps	SC Duplex-Plastic	2000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-2	AK-100000002	10/100Mbps	SC Duplex-Plastic	4000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-3	AK-100000003	10/100Mbps	SC Duplex-Plastic	8000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-4	AK-100000004	10/100Mbps	SC Duplex-Plastic	16000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-5	AK-100000005	10/100Mbps	SC Duplex-Plastic	32000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-6	AK-100000006	10/100Mbps	SC Duplex-Plastic	64000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-7	AK-100000007	10/100Mbps	SC Duplex-Plastic	128000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-8	AK-100000008	10/100Mbps	SC Duplex-Plastic	256000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-9	AK-100000009	10/100Mbps	SC Duplex-Plastic	512000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-10	AK-100000010	10/100Mbps	SC Duplex-Plastic	1024000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-11	AK-100000011	10/100Mbps	SC Duplex-Plastic	2048000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-12	AK-100000012	10/100Mbps	SC Duplex-Plastic	4096000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-13	AK-100000013	10/100Mbps	SC Duplex-Plastic	8192000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-14	AK-100000014	10/100Mbps	SC Duplex-Plastic	16384000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-15	AK-100000015	10/100Mbps	SC Duplex-Plastic	32768000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-16	AK-100000016	10/100Mbps	SC Duplex-Plastic	65536000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-17	AK-100000017	10/100Mbps	SC Duplex-Plastic	131072000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-18	AK-100000018	10/100Mbps	SC Duplex-Plastic	262144000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-19	AK-100000019	10/100Mbps	SC Duplex-Plastic	524288000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-20	AK-100000020	10/100Mbps	SC Duplex-Plastic	1048576000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-21	AK-100000021	10/100Mbps	SC Duplex-Plastic	2097152000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-22	AK-100000022	10/100Mbps	SC Duplex-Plastic	4194304000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-23	AK-100000023	10/100Mbps	SC Duplex-Plastic	8388608000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-24	AK-100000024	10/100Mbps	SC Duplex-Plastic	16777216000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-25	AK-100000025	10/100Mbps	SC Duplex-Plastic	33554432000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-26	AK-100000026	10/100Mbps	SC Duplex-Plastic	67108864000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-27	AK-100000027	10/100Mbps	SC Duplex-Plastic	134217728000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-28	AK-100000028	10/100Mbps	SC Duplex-Plastic	268435456000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-29	AK-100000029	10/100Mbps	SC Duplex-Plastic	536870912000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-30	AK-100000030	10/100Mbps	SC Duplex-Plastic	1073741824000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-31	AK-100000031	10/100Mbps	SC Duplex-Plastic	2147483648000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-32	AK-100000032	10/100Mbps	SC Duplex-Plastic	4294967296000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-33	AK-100000033	10/100Mbps	SC Duplex-Plastic	8589934592000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-34	AK-100000034	10/100Mbps	SC Duplex-Plastic	17179869184000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-35	AK-100000035	10/100Mbps	SC Duplex-Plastic	34359738368000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-36	AK-100000036	10/100Mbps	SC Duplex-Plastic	68719476736000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-37	AK-100000037	10/100Mbps	SC Duplex-Plastic	137438953472000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-38	AK-100000038	10/100Mbps	SC Duplex-Plastic	274877906944000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-39	AK-100000039	10/100Mbps	SC Duplex-Plastic	549755813888000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-40	AK-100000040	10/100Mbps	SC Duplex-Plastic	1099511627776000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-41	AK-100000041	10/100Mbps	SC Duplex-Plastic	2199023255552000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-42	AK-100000042	10/100Mbps	SC Duplex-Plastic	4398046511104000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-43	AK-100000043	10/100Mbps	SC Duplex-Plastic	8796093022208000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-44	AK-100000044	10/100Mbps	SC Duplex-Plastic	17592186444416000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-45	AK-100000045	10/100Mbps	SC Duplex-Plastic	35184372888832000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-46	AK-100000046	10/100Mbps	SC Duplex-Plastic	70368745777664000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-47	AK-100000047	10/100Mbps	SC Duplex-Plastic	140737491553328000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-48	AK-100000048	10/100Mbps	SC Duplex-Plastic	281474983106656000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-49	AK-100000049	10/100Mbps	SC Duplex-Plastic	562949966213312000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-50	AK-100000050	10/100Mbps	SC Duplex-Plastic	1125899932426624000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-51	AK-100000051	10/100Mbps	SC Duplex-Plastic	2251799864853248000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-52	AK-100000052	10/100Mbps	SC Duplex-Plastic	4503599729706496000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-53	AK-100000053	10/100Mbps	SC Duplex-Plastic	9007199459412992000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-54	AK-100000054	10/100Mbps	SC Duplex-Plastic	18014398918825984000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-55	AK-100000055	10/100Mbps	SC Duplex-Plastic	36028797837651968000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-56	AK-100000056	10/100Mbps	SC Duplex-Plastic	72057595675303936000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-57	AK-100000057	10/100Mbps	SC Duplex-Plastic	144115191350607872000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-58	AK-100000058	10/100Mbps	SC Duplex-Plastic	288230382701215744000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-59	AK-100000059	10/100Mbps	SC Duplex-Plastic	576460765402431488000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-60	AK-100000060	10/100Mbps	SC Duplex-Plastic	115292153080486296000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-61	AK-100000061	10/100Mbps	SC Duplex-Plastic	230584306160972592000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-62	AK-100000062	10/100Mbps	SC Duplex-Plastic	461168612321945184000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-63	AK-100000063	10/100Mbps	SC Duplex-Plastic	922337224643890368000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-64	AK-100000064	10/100Mbps	SC Duplex-Plastic	1844674449287780736000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-65	AK-100000065	10/100Mbps	SC Duplex-Plastic	3689348898575561472000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-66	AK-100000066	10/100Mbps	SC Duplex-Plastic	7378697797151122944000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-67	AK-100000067	10/100Mbps	SC Duplex-Plastic	1475739598302224888000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-68	AK-100000068	10/100Mbps	SC Duplex-Plastic	2951479196604449776000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-69	AK-100000069	10/100Mbps	SC Duplex-Plastic	5902958393208899552000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-70	AK-100000070	10/100Mbps	SC Duplex-Plastic	11805916786417799104000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-71	AK-100000071	10/100Mbps	SC Duplex-Plastic	23611833572835598208000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-72	AK-100000072	10/100Mbps	SC Duplex-Plastic	47223667145671196416000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-73	AK-100000073	10/100Mbps	SC Duplex-Plastic	94447334291342392832000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-74	AK-100000074	10/100Mbps	SC Duplex-Plastic	188894668822684785664000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-75	AK-100000075	10/100Mbps	SC Duplex-Plastic	377789337645369571328000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-76	AK-100000076	10/100Mbps	SC Duplex-Plastic	755578675290739142656000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-77	AK-100000077	10/100Mbps	SC Duplex-Plastic	151115735058147828512000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-78	AK-100000078	10/100Mbps	SC Duplex-Plastic	302231470116295657024000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-79	AK-100000079	10/100Mbps	SC Duplex-Plastic	604462940232591314048000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-80	AK-100000080	10/100Mbps	SC Duplex-Plastic	1208925880465182628096000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-81	AK-100000081	10/100Mbps	SC Duplex-Plastic	2417851760930365256192000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-82	AK-100000082	10/100Mbps	SC Duplex-Plastic	4835703521860730512384000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-83	AK-100000083	10/100Mbps	SC Duplex-Plastic	9671407043721461024768000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-84	AK-100000084	10/100Mbps	SC Duplex-Plastic	1934281408744292049536000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-85	AK-100000085	10/100Mbps	SC Duplex-Plastic	3868562817488584099072000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-86	AK-100000086	10/100Mbps	SC Duplex-Plastic	7737125634977168198144000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-87	AK-100000087	10/100Mbps	SC Duplex-Plastic	1547425126995433639328000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-88	AK-100000088	10/100Mbps	SC Duplex-Plastic	3094850253990867278656000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-89	AK-100000089	10/100Mbps	SC Duplex-Plastic	6189700507981734557312000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-90	AK-100000090	10/100Mbps	SC Duplex-Plastic	12379401015963469114624000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-91	AK-100000091	10/100Mbps	SC Duplex-Plastic	24758802031926938229248000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-92	AK-100000092	10/100Mbps	SC Duplex-Plastic	49517604063853876458496000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-93	AK-100000093	10/100Mbps	SC Duplex-Plastic	99035208127707752916992000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-94	AK-100000094	10/100Mbps	SC Duplex-Plastic	19807041625541550583392000m	Plastic	100Mbps	0.5W	1.5W
DM-1000-95	AK-100000095	10/100Mbps	SC Duplex-Plastic	396140				