

# DIGITUS Gigabit Media Converter, RJ45 / SC

DN-82121-1  
EAN 4016032293132



### Gigabit Ethernet Media Converter, Singlemode SC connector, 1310nm, 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 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-LX
- Connectors: 1x RJ45, 1x SC duplex
- Distance up to 20km
- Wavelength: 1310nm
- Singlemode 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 9/125µm Fiber Cables

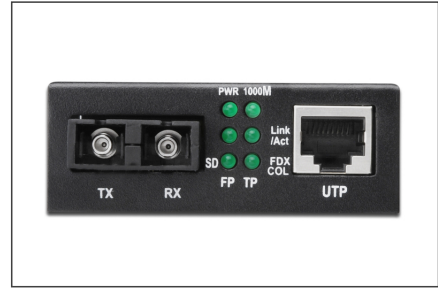
- Transmission Power: Minimum -12 dBm, Maximum -6 dBm
- Sensitivity Receiving Power: Minimum -21 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- 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)	cm <sup>3</sup>
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:



Model	SKU Code	Speed	Connector	Distance	Medium	Mounting	Operating Temperature	Material/Finish
DM-1000M-1	4000000001	10/100Mbps	SC Duplex-Plastic	200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-2	4000000002	10/100Mbps	SC Duplex-Plastic	400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-3	4000000003	10/100Mbps	SC Duplex-Plastic	800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-4	4000000004	10/100Mbps	SC Duplex-Plastic	1600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-5	4000000005	10/100Mbps	SC Duplex-Plastic	3200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-6	4000000006	10/100Mbps	SC Duplex-Plastic	6400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-7	4000000007	10/100Mbps	SC Duplex-Plastic	12800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-8	4000000008	10/100Mbps	SC Duplex-Plastic	25600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-9	4000000009	10/100Mbps	SC Duplex-Plastic	51200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-10	4000000010	10/100Mbps	SC Duplex-Plastic	102400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-11	4000000011	10/100Mbps	SC Duplex-Plastic	204800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-12	4000000012	10/100Mbps	SC Duplex-Plastic	409600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-13	4000000013	10/100Mbps	SC Duplex-Plastic	819200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-14	4000000014	10/100Mbps	SC Duplex-Plastic	1638400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-15	4000000015	10/100Mbps	SC Duplex-Plastic	3276800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-16	4000000016	10/100Mbps	SC Duplex-Plastic	6553600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-17	4000000017	10/100Mbps	SC Duplex-Plastic	13107200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-18	4000000018	10/100Mbps	SC Duplex-Plastic	26214400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-19	4000000019	10/100Mbps	SC Duplex-Plastic	52428800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-20	4000000020	10/100Mbps	SC Duplex-Plastic	104857600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-21	4000000021	10/100Mbps	SC Duplex-Plastic	209715200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-22	4000000022	10/100Mbps	SC Duplex-Plastic	419430400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-23	4000000023	10/100Mbps	SC Duplex-Plastic	838860800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-24	4000000024	10/100Mbps	SC Duplex-Plastic	1677721600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-25	4000000025	10/100Mbps	SC Duplex-Plastic	3355443200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-26	4000000026	10/100Mbps	SC Duplex-Plastic	6710886400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-27	4000000027	10/100Mbps	SC Duplex-Plastic	13421772800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-28	4000000028	10/100Mbps	SC Duplex-Plastic	26843545600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-29	4000000029	10/100Mbps	SC Duplex-Plastic	53687091200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-30	4000000030	10/100Mbps	SC Duplex-Plastic	107374182400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-31	4000000031	10/100Mbps	SC Duplex-Plastic	214748364800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-32	4000000032	10/100Mbps	SC Duplex-Plastic	429496729600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-33	4000000033	10/100Mbps	SC Duplex-Plastic	858993459200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-34	4000000034	10/100Mbps	SC Duplex-Plastic	1717986918400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-35	4000000035	10/100Mbps	SC Duplex-Plastic	3435973836800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-36	4000000036	10/100Mbps	SC Duplex-Plastic	6871947673600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-37	4000000037	10/100Mbps	SC Duplex-Plastic	13743895347200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-38	4000000038	10/100Mbps	SC Duplex-Plastic	27487790694400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-39	4000000039	10/100Mbps	SC Duplex-Plastic	54975581388800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-40	4000000040	10/100Mbps	SC Duplex-Plastic	109951162777600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-41	4000000041	10/100Mbps	SC Duplex-Plastic	219902325555200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-42	4000000042	10/100Mbps	SC Duplex-Plastic	439804651110400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-43	4000000043	10/100Mbps	SC Duplex-Plastic	879609302220800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-44	4000000044	10/100Mbps	SC Duplex-Plastic	1759218644441600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-45	4000000045	10/100Mbps	SC Duplex-Plastic	3518437288883200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-46	4000000046	10/100Mbps	SC Duplex-Plastic	7036874577766400m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-47	4000000047	10/100Mbps	SC Duplex-Plastic	14073749155332800m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-48	4000000048	10/100Mbps	SC Duplex-Plastic	28147498310665600m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-49	4000000049	10/100Mbps	SC Duplex-Plastic	56294996621331200m	Plastic	Vertical	0°C to 40°C	Black/ABS
DM-1000M-50	4000000050	10/100Mbps	SC Duplex-Plastic	112589993246662400m	Plastic	Vertical	0°C to 40°C	Black/ABS