

# DIGITUS® Fast Ethernet Media Converter, RJ45 / ST

DN-82010-1

EAN 4016032293088



## Fast Ethernet Media Converter, Multimode ST 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

- Converts wire-based network signals into fiber optic signals
- High quality and maximum reliability
- 10/100Base-TX to 100Base-FX
- Connections: 1x RJ45, 1x ST Duplex
- Range: up to 2 km
- Wavelength: 1310 nm
- Multimode dual fiber
- Automatic cable detection - Auto MDI / MDI-X function
- Auto-detection of full and half-duplex
- Diagnostic LEDs for status and activity monitoring
- Link Fault Pass Through (LFP) function for simple fault detection
- Suitable for 50/125µm and 62.5/125µm fiber optic cables

- Transmission power: minimum -22 dBm, maximum -12 dBm
- Reception sensitivity: 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: 200 g
- Standalone converter with external power supply unit
- Input voltage: 5V DC
- Max. Current consumption: 800mA
- Power consumption: 21.5W

### Attributes

- Connector 1: RJ45
- Connector 2: ST
- Mode: Multimode
- Distance (km): 2
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- 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)	cm³
Packaging Unit Carton	20	10.00	30.00	27.00	55.00	44,550.00
Packaging Unit Inside	1	0.50	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.50	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 Number	SKU Code	Speed	Connector	Distance	Medium	Mounting	Shielding Protection	Material/Finish
DM-1000-1	4-000000001	10/100Mbps	SC Multimode OM3	200m	Fiber	Vertical	None	Black/Plastic
DM-1000-2	4-000000002	10/100Mbps	SC Multimode OM3	400m	Fiber	Vertical	None	Black/Plastic
DM-1000-3	4-000000003	10/100Mbps	SC Multimode OM3	800m	Fiber	Vertical	None	Black/Plastic
DM-1000-4	4-000000004	10/100Mbps	SC Multimode OM3	1600m	Fiber	Vertical	None	Black/Plastic
DM-1000-5	4-000000005	10/100Mbps	SC Multimode OM3	3200m	Fiber	Vertical	None	Black/Plastic
DM-1000-6	4-000000006	10/100Mbps	SC Multimode OM3	6400m	Fiber	Vertical	None	Black/Plastic
DM-1000-7	4-000000007	10/100Mbps	SC Multimode OM3	12800m	Fiber	Vertical	None	Black/Plastic
DM-1000-8	4-000000008	10/100Mbps	SC Multimode OM3	25600m	Fiber	Vertical	None	Black/Plastic
DM-1000-9	4-000000009	10/100Mbps	SC Multimode OM3	51200m	Fiber	Vertical	None	Black/Plastic
DM-1000-10	4-000000010	10/100Mbps	SC Multimode OM3	102400m	Fiber	Vertical	None	Black/Plastic
DM-1000-11	4-000000011	10/100Mbps	SC Multimode OM3	204800m	Fiber	Vertical	None	Black/Plastic
DM-1000-12	4-000000012	10/100Mbps	SC Multimode OM3	409600m	Fiber	Vertical	None	Black/Plastic
DM-1000-13	4-000000013	10/100Mbps	SC Multimode OM3	819200m	Fiber	Vertical	None	Black/Plastic
DM-1000-14	4-000000014	10/100Mbps	SC Multimode OM3	1638400m	Fiber	Vertical	None	Black/Plastic
DM-1000-15	4-000000015	10/100Mbps	SC Multimode OM3	3276800m	Fiber	Vertical	None	Black/Plastic
DM-1000-16	4-000000016	10/100Mbps	SC Multimode OM3	6553600m	Fiber	Vertical	None	Black/Plastic
DM-1000-17	4-000000017	10/100Mbps	SC Multimode OM3	13107200m	Fiber	Vertical	None	Black/Plastic
DM-1000-18	4-000000018	10/100Mbps	SC Multimode OM3	26214400m	Fiber	Vertical	None	Black/Plastic
DM-1000-19	4-000000019	10/100Mbps	SC Multimode OM3	52428800m	Fiber	Vertical	None	Black/Plastic
DM-1000-20	4-000000020	10/100Mbps	SC Multimode OM3	104857600m	Fiber	Vertical	None	Black/Plastic
DM-1000-21	4-000000021	10/100Mbps	SC Multimode OM3	209715200m	Fiber	Vertical	None	Black/Plastic
DM-1000-22	4-000000022	10/100Mbps	SC Multimode OM3	419430400m	Fiber	Vertical	None	Black/Plastic
DM-1000-23	4-000000023	10/100Mbps	SC Multimode OM3	838860800m	Fiber	Vertical	None	Black/Plastic
DM-1000-24	4-000000024	10/100Mbps	SC Multimode OM3	1677721600m	Fiber	Vertical	None	Black/Plastic
DM-1000-25	4-000000025	10/100Mbps	SC Multimode OM3	3355443200m	Fiber	Vertical	None	Black/Plastic
DM-1000-26	4-000000026	10/100Mbps	SC Multimode OM3	6710886400m	Fiber	Vertical	None	Black/Plastic
DM-1000-27	4-000000027	10/100Mbps	SC Multimode OM3	13421772800m	Fiber	Vertical	None	Black/Plastic
DM-1000-28	4-000000028	10/100Mbps	SC Multimode OM3	26843545600m	Fiber	Vertical	None	Black/Plastic
DM-1000-29	4-000000029	10/100Mbps	SC Multimode OM3	53687091200m	Fiber	Vertical	None	Black/Plastic
DM-1000-30	4-000000030	10/100Mbps	SC Multimode OM3	107374182400m	Fiber	Vertical	None	Black/Plastic
DM-1000-31	4-000000031	10/100Mbps	SC Multimode OM3	214748364800m	Fiber	Vertical	None	Black/Plastic
DM-1000-32	4-000000032	10/100Mbps	SC Multimode OM3	429496729600m	Fiber	Vertical	None	Black/Plastic
DM-1000-33	4-000000033	10/100Mbps	SC Multimode OM3	858993459200m	Fiber	Vertical	None	Black/Plastic
DM-1000-34	4-000000034	10/100Mbps	SC Multimode OM3	1717986918400m	Fiber	Vertical	None	Black/Plastic
DM-1000-35	4-000000035	10/100Mbps	SC Multimode OM3	3435973836800m	Fiber	Vertical	None	Black/Plastic
DM-1000-36	4-000000036	10/100Mbps	SC Multimode OM3	6871947673600m	Fiber	Vertical	None	Black/Plastic
DM-1000-37	4-000000037	10/100Mbps	SC Multimode OM3	13743895347200m	Fiber	Vertical	None	Black/Plastic
DM-1000-38	4-000000038	10/100Mbps	SC Multimode OM3	27487790694400m	Fiber	Vertical	None	Black/Plastic
DM-1000-39	4-000000039	10/100Mbps	SC Multimode OM3	54975581388800m	Fiber	Vertical	None	Black/Plastic
DM-1000-40	4-000000040	10/100Mbps	SC Multimode OM3	109951162777600m	Fiber	Vertical	None	Black/Plastic
DM-1000-41	4-000000041	10/100Mbps	SC Multimode OM3	219902325555200m	Fiber	Vertical	None	Black/Plastic
DM-1000-42	4-000000042	10/100Mbps	SC Multimode OM3	439804651110400m	Fiber	Vertical	None	Black/Plastic
DM-1000-43	4-000000043	10/100Mbps	SC Multimode OM3	879609302220800m	Fiber	Vertical	None	Black/Plastic
DM-1000-44	4-000000044	10/100Mbps	SC Multimode OM3	1759218644441600m	Fiber	Vertical	None	Black/Plastic
DM-1000-45	4-000000045	10/100Mbps	SC Multimode OM3	3518437288883200m	Fiber	Vertical	None	Black/Plastic
DM-1000-46	4-000000046	10/100Mbps	SC Multimode OM3	7036874577766400m	Fiber	Vertical	None	Black/Plastic
DM-1000-47	4-000000047	10/100Mbps	SC Multimode OM3	14073749155332800m	Fiber	Vertical	None	Black/Plastic
DM-1000-48	4-000000048	10/100Mbps	SC Multimode OM3	28147498310665600m	Fiber	Vertical	None	Black/Plastic
DM-1000-49	4-000000049	10/100Mbps	SC Multimode OM3	56294996621331200m	Fiber	Vertical	None	Black/Plastic
DM-1000-50	4-000000050	10/100Mbps	SC Multimode OM3	112589993242662400m	Fiber	Vertical	None	Black/Plastic
DM-1000-51	4-000000051	10/100Mbps	SC Multimode OM3	225179986485324800m	Fiber	Vertical	None	Black/Plastic
DM-1000-52	4-000000052	10/100Mbps	SC Multimode OM3	450359972970649600m	Fiber	Vertical	None	Black/Plastic
DM-1000-53	4-000000053	10/100Mbps	SC Multimode OM3	900719945941299200m	Fiber	Vertical	None	Black/Plastic
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DM-1000-55	4-000000055	10/100Mbps	SC Multimode OM3	3602879783765196800m	Fiber	Vertical	None	Black/Plastic
DM-1000-56	4-000000056	10/100Mbps	SC Multimode OM3	7205759567530393600m	Fiber	Vertical	None	Black/Plastic
DM-1000-57	4-000000057	10/100Mbps	SC Multimode OM3	14411519135060787200m	Fiber	Vertical	None	Black/Plastic
DM-1000-58	4-000000058	10/100Mbps	SC Multimode OM3	28823038270121574400m	Fiber	Vertical	None	Black/Plastic
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DM-1000-60	4-000000060	10/100Mbps	SC Multimode OM3	115292153080486296000m	Fiber	Vertical	None	Black/Plastic
DM-1000-61	4-000000061	10/100Mbps	SC Multimode OM3	230584306160972592000m	Fiber	Vertical	None	Black/Plastic
DM-1000-62	4-000000062	10/100Mbps	SC Multimode OM3	461168612321945184000m	Fiber	Vertical	None	Black/Plastic
DM-1000-63	4-000000063	10/100Mbps	SC Multimode OM3	922337224643890368000m	Fiber	Vertical	None	Black/Plastic
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DM-1000-65	4-000000065	10/100Mbps	SC Multimode OM3	3689348898575561472000m	Fiber	Vertical	None	Black/Plastic
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DM-1000-81	4-000000081	10/100Mbps	SC Multimode OM3	2417851757965680496308224000m	Fiber	Vertical	None	Black/Plastic
DM-1000-82	4-000000082	10/100Mbps	SC Multimode OM3	4835703515931360992616448000m	Fiber	Vertical	None	Black/Plastic
DM-1000-83	4-000000083	10/100Mbps	SC Multimode OM3	9671407031862721985232896000m	Fiber	Vertical	None	Black/Plastic
DM-1000-84	4-000000084	10/100Mbps	SC Multimode OM3	19342814063725443970465792000m	Fiber	Vertical	None	Black/Plastic
DM-1000-85	4-000000085	10/100Mbps	SC Multimode OM3	38685628127450887940931584000m	Fiber	Vertical	None	Black/Plastic
DM-1000-86	4-000000086	10/100Mbps	SC Multimode OM3	77371256254901775881863168000m	Fiber	Vertical	None	Black/Plastic
DM-1000-87	4-000000087	10/100Mbps	SC Multimode OM3	1547425125098035517637326336000m	Fiber	Vertical	None	Black/Plastic
DM-1000-88	4-000000088	10/100Mbps	SC Multimode OM3	3094850250196071035274652672000m	Fiber	Vertical	None	Black/Plastic
DM-1000-89	4-000000089	10/100Mbps	SC Multimode OM3	6189700500392142070549305344000m	Fiber	Vertical	None	Black/Plastic
DM-1000-90	4-000000090	10/100Mbps	SC Multimode OM3	12379401000784284141089610688000m	Fiber	Vertical	None	Black/Plastic
DM-1000-91	4-000000091	10/100Mbps	SC Multimode OM3	24758802001568568282179221376000m	Fiber	Vertical	None	Black/Plastic
DM-1000-92	4-000000092	10/100Mbps	SC Multimode OM3	49517604003137136564358442752000m	Fiber	Vertical	None	Black/Plastic
DM-1000-93	4-000000093	10/100Mbps	SC Multimode OM3	99035208006274273128716885504000m	Fiber	Vertical	None	Black/Plastic
DM-1000-94	4-000000094	10/100Mbps	SC Multimode OM3	198070416012548546257437711008000m	Fiber	Vertical	None	Black/Plastic
DM-1000-95	4-000000095	10/100Mbps	SC Multimode OM3	396140832025097092514874422016000m	Fiber	Vertical	None	Black/Plastic
DM-1000-96	4-000000096	10/100Mbps	SC Multimode OM3	792281664050194185029794844032000m	Fiber	Vertical	None	Black/Plastic
DM-1000-97	4-000000097	10/100Mbps	SC Multimode OM3	1584563328100388370059589688064000m	Fiber	Vertical	None	Black/Plastic
DM-1000-98	4-000000098	10/100Mbps	SC Multimode OM3	3169126656200776740119191776128000m	Fiber	Vertical	None	Black/Plastic
DM-1000-99	4-000000099	10/100Mbps	SC Multimode OM3	6338253312401553480223833552256000m	Fiber	Vertical	None	Black/Plastic
DM-1000-100	4-000000100	10/100Mbps	SC Multimode OM3	126				