

# DIGITUS® Bidirectional Gigabit Media Converter, RJ45 / SC

DN-82122

EAN 4016032307938



## Gigabit Ethernet Media Converter, Singlemode, BiDi Tx1310nm / Rx1550nm, SC connector, 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. 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-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single 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 9/125µm Fiber Cables

- 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
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82123

### Attributes

- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Biidirectional
- 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	5.50	13.00	24.00	1,716.00
Packaging Unit Single	1	0.45	5.50	13.00	24.00	1,716.00
Net single without Packaging	1	0.00	2.60	7.00	9.50	0.00

More images:



Part Number	SKU Code	Speed	Connector	Distance	Status	Manufacturer	Operating Temperature	Lead Time/Stock
DA-00001	AS-00000001	10/100Mbps	SC-Multimode OM3	300m	Pass	Digitus	0 to 40°C	1 Week
DA-00002	AS-00000002	10/100Mbps	SC-Multimode OM3	600m	Pass	Digitus	0 to 40°C	1 Week
DA-00003	AS-00000003	10/100Mbps	SC-Multimode OM3	900m	Pass	Digitus	0 to 40°C	1 Week
DA-00004	AS-00000004	10/100Mbps	SC-Multimode OM3	1200m	Pass	Digitus	0 to 40°C	1 Week
DA-00005	AS-00000005	10/100Mbps	SC-Multimode OM3	1500m	Pass	Digitus	0 to 40°C	1 Week
DA-00006	AS-00000006	10/100Mbps	SC-Multimode OM3	1800m	Pass	Digitus	0 to 40°C	1 Week
DA-00007	AS-00000007	10/100Mbps	SC-Multimode OM3	2100m	Pass	Digitus	0 to 40°C	1 Week
DA-00008	AS-00000008	10/100Mbps	SC-Multimode OM3	2400m	Pass	Digitus	0 to 40°C	1 Week
DA-00009	AS-00000009	10/100Mbps	SC-Multimode OM3	2700m	Pass	Digitus	0 to 40°C	1 Week
DA-00010	AS-00000010	10/100Mbps	SC-Multimode OM3	3000m	Pass	Digitus	0 to 40°C	1 Week
DA-00011	AS-00000011	10/100Mbps	SC-Multimode OM3	3300m	Pass	Digitus	0 to 40°C	1 Week
DA-00012	AS-00000012	10/100Mbps	SC-Multimode OM3	3600m	Pass	Digitus	0 to 40°C	1 Week
DA-00013	AS-00000013	10/100Mbps	SC-Multimode OM3	3900m	Pass	Digitus	0 to 40°C	1 Week
DA-00014	AS-00000014	10/100Mbps	SC-Multimode OM3	4200m	Pass	Digitus	0 to 40°C	1 Week
DA-00015	AS-00000015	10/100Mbps	SC-Multimode OM3	4500m	Pass	Digitus	0 to 40°C	1 Week
DA-00016	AS-00000016	10/100Mbps	SC-Multimode OM3	4800m	Pass	Digitus	0 to 40°C	1 Week
DA-00017	AS-00000017	10/100Mbps	SC-Multimode OM3	5100m	Pass	Digitus	0 to 40°C	1 Week
DA-00018	AS-00000018	10/100Mbps	SC-Multimode OM3	5400m	Pass	Digitus	0 to 40°C	1 Week
DA-00019	AS-00000019	10/100Mbps	SC-Multimode OM3	5700m	Pass	Digitus	0 to 40°C	1 Week
DA-00020	AS-00000020	10/100Mbps	SC-Multimode OM3	6000m	Pass	Digitus	0 to 40°C	1 Week
DA-00021	AS-00000021	10/100Mbps	SC-Multimode OM3	6300m	Pass	Digitus	0 to 40°C	1 Week
DA-00022	AS-00000022	10/100Mbps	SC-Multimode OM3	6600m	Pass	Digitus	0 to 40°C	1 Week
DA-00023	AS-00000023	10/100Mbps	SC-Multimode OM3	6900m	Pass	Digitus	0 to 40°C	1 Week
DA-00024	AS-00000024	10/100Mbps	SC-Multimode OM3	7200m	Pass	Digitus	0 to 40°C	1 Week
DA-00025	AS-00000025	10/100Mbps	SC-Multimode OM3	7500m	Pass	Digitus	0 to 40°C	1 Week
DA-00026	AS-00000026	10/100Mbps	SC-Multimode OM3	7800m	Pass	Digitus	0 to 40°C	1 Week
DA-00027	AS-00000027	10/100Mbps	SC-Multimode OM3	8100m	Pass	Digitus	0 to 40°C	1 Week
DA-00028	AS-00000028	10/100Mbps	SC-Multimode OM3	8400m	Pass	Digitus	0 to 40°C	1 Week
DA-00029	AS-00000029	10/100Mbps	SC-Multimode OM3	8700m	Pass	Digitus	0 to 40°C	1 Week
DA-00030	AS-00000030	10/100Mbps	SC-Multimode OM3	9000m	Pass	Digitus	0 to 40°C	1 Week
DA-00031	AS-00000031	10/100Mbps	SC-Multimode OM3	9300m	Pass	Digitus	0 to 40°C	1 Week
DA-00032	AS-00000032	10/100Mbps	SC-Multimode OM3	9600m	Pass	Digitus	0 to 40°C	1 Week
DA-00033	AS-00000033	10/100Mbps	SC-Multimode OM3	9900m	Pass	Digitus	0 to 40°C	1 Week
DA-00034	AS-00000034	10/100Mbps	SC-Multimode OM3	10200m	Pass	Digitus	0 to 40°C	1 Week
DA-00035	AS-00000035	10/100Mbps	SC-Multimode OM3	10500m	Pass	Digitus	0 to 40°C	1 Week
DA-00036	AS-00000036	10/100Mbps	SC-Multimode OM3	10800m	Pass	Digitus	0 to 40°C	1 Week
DA-00037	AS-00000037	10/100Mbps	SC-Multimode OM3	11100m	Pass	Digitus	0 to 40°C	1 Week
DA-00038	AS-00000038	10/100Mbps	SC-Multimode OM3	11400m	Pass	Digitus	0 to 40°C	1 Week
DA-00039	AS-00000039	10/100Mbps	SC-Multimode OM3	11700m	Pass	Digitus	0 to 40°C	1 Week
DA-00040	AS-00000040	10/100Mbps	SC-Multimode OM3	12000m	Pass	Digitus	0 to 40°C	1 Week
DA-00041	AS-00000041	10/100Mbps	SC-Multimode OM3	12300m	Pass	Digitus	0 to 40°C	1 Week
DA-00042	AS-00000042	10/100Mbps	SC-Multimode OM3	12600m	Pass	Digitus	0 to 40°C	1 Week
DA-00043	AS-00000043	10/100Mbps	SC-Multimode OM3	12900m	Pass	Digitus	0 to 40°C	1 Week
DA-00044	AS-00000044	10/100Mbps	SC-Multimode OM3	13200m	Pass	Digitus	0 to 40°C	1 Week
DA-00045	AS-00000045	10/100Mbps	SC-Multimode OM3	13500m	Pass	Digitus	0 to 40°C	1 Week
DA-00046	AS-00000046	10/100Mbps	SC-Multimode OM3	13800m	Pass	Digitus	0 to 40°C	1 Week
DA-00047	AS-00000047	10/100Mbps	SC-Multimode OM3	14100m	Pass	Digitus	0 to 40°C	1 Week
DA-00048	AS-00000048	10/100Mbps	SC-Multimode OM3	14400m	Pass	Digitus	0 to 40°C	1 Week
DA-00049	AS-00000049	10/100Mbps	SC-Multimode OM3	14700m	Pass	Digitus	0 to 40°C	1 Week
DA-00050	AS-00000050	10/100Mbps	SC-Multimode OM3	15000m	Pass	Digitus	0 to 40°C	1 Week
DA-00051	AS-00000051	10/100Mbps	SC-Multimode OM3	15300m	Pass	Digitus	0 to 40°C	1 Week
DA-00052	AS-00000052	10/100Mbps	SC-Multimode OM3	15600m	Pass	Digitus	0 to 40°C	1 Week
DA-00053	AS-00000053	10/100Mbps	SC-Multimode OM3	15900m	Pass	Digitus	0 to 40°C	1 Week
DA-00054	AS-00000054	10/100Mbps	SC-Multimode OM3	16200m	Pass	Digitus	0 to 40°C	1 Week
DA-00055	AS-00000055	10/100Mbps	SC-Multimode OM3	16500m	Pass	Digitus	0 to 40°C	1 Week
DA-00056	AS-00000056	10/100Mbps	SC-Multimode OM3	16800m	Pass	Digitus	0 to 40°C	1 Week
DA-00057	AS-00000057	10/100Mbps	SC-Multimode OM3	17100m	Pass	Digitus	0 to 40°C	1 Week
DA-00058	AS-00000058	10/100Mbps	SC-Multimode OM3	17400m	Pass	Digitus	0 to 40°C	1 Week
DA-00059	AS-00000059	10/100Mbps	SC-Multimode OM3	17700m	Pass	Digitus	0 to 40°C	1 Week
DA-00060	AS-00000060	10/100Mbps	SC-Multimode OM3	18000m	Pass	Digitus	0 to 40°C	1 Week
DA-00061	AS-00000061	10/100Mbps	SC-Multimode OM3	18300m	Pass	Digitus	0 to 40°C	1 Week
DA-00062	AS-00000062	10/100Mbps	SC-Multimode OM3	18600m	Pass	Digitus	0 to 40°C	1 Week
DA-00063	AS-00000063	10/100Mbps	SC-Multimode OM3	18900m	Pass	Digitus	0 to 40°C	1 Week
DA-00064	AS-00000064	10/100Mbps	SC-Multimode OM3	19200m	Pass	Digitus	0 to 40°C	1 Week
DA-00065	AS-00000065	10/100Mbps	SC-Multimode OM3	19500m	Pass	Digitus	0 to 40°C	1 Week
DA-00066	AS-00000066	10/100Mbps	SC-Multimode OM3	19800m	Pass	Digitus	0 to 40°C	1 Week
DA-00067	AS-00000067	10/100Mbps	SC-Multimode OM3	20100m	Pass	Digitus	0 to 40°C	1 Week
DA-00068	AS-00000068	10/100Mbps	SC-Multimode OM3	20400m	Pass	Digitus	0 to 40°C	1 Week
DA-00069	AS-00000069	10/100Mbps	SC-Multimode OM3	20700m	Pass	Digitus	0 to 40°C	1 Week
DA-00070	AS-00000070	10/100Mbps	SC-Multimode OM3	21000m	Pass	Digitus	0 to 40°C	1 Week
DA-00071	AS-00000071	10/100Mbps	SC-Multimode OM3	21300m	Pass	Digitus	0 to 40°C	1 Week
DA-00072	AS-00000072	10/100Mbps	SC-Multimode OM3	21600m	Pass	Digitus	0 to 40°C	1 Week
DA-00073	AS-00000073	10/100Mbps	SC-Multimode OM3	21900m	Pass	Digitus	0 to 40°C	1 Week
DA-00074	AS-00000074	10/100Mbps	SC-Multimode OM3	22200m	Pass	Digitus	0 to 40°C	1 Week
DA-00075	AS-00000075	10/100Mbps	SC-Multimode OM3	22500m	Pass	Digitus	0 to 40°C	1 Week
DA-00076	AS-00000076	10/100Mbps	SC-Multimode OM3	22800m	Pass	Digitus	0 to 40°C	1 Week
DA-00077	AS-00000077	10/100Mbps	SC-Multimode OM3	23100m	Pass	Digitus	0 to 40°C	1 Week
DA-00078	AS-00000078	10/100Mbps	SC-Multimode OM3	23400m	Pass	Digitus	0 to 40°C	1 Week
DA-00079	AS-00000079	10/100Mbps	SC-Multimode OM3	23700m	Pass	Digitus	0 to 40°C	1 Week
DA-00080	AS-00000080	10/100Mbps	SC-Multimode OM3	24000m	Pass	Digitus	0 to 40°C	1 Week
DA-00081	AS-00000081	10/100Mbps	SC-Multimode OM3	24300m	Pass	Digitus	0 to 40°C	1 Week
DA-00082	AS-00000082	10/100Mbps	SC-Multimode OM3	24600m	Pass	Digitus	0 to 40°C	1 Week
DA-00083	AS-00000083	10/100Mbps	SC-Multimode OM3	24900m	Pass	Digitus	0 to 40°C	1 Week
DA-00084	AS-00000084	10/100Mbps	SC-Multimode OM3	25200m	Pass	Digitus	0 to 40°C	1 Week
DA-00085	AS-00000085	10/100Mbps	SC-Multimode OM3	25500m	Pass	Digitus	0 to 40°C	1 Week
DA-00086	AS-00000086	10/100Mbps	SC-Multimode OM3	25800m	Pass	Digitus	0 to 40°C	1 Week
DA-00087	AS-00000087	10/100Mbps	SC-Multimode OM3	26100m	Pass	Digitus	0 to 40°C	1 Week
DA-00088	AS-00000088	10/100Mbps	SC-Multimode OM3	26400m	Pass	Digitus	0 to 40°C	1 Week
DA-00089	AS-00000089	10/100Mbps	SC-Multimode OM3	26700m	Pass	Digitus	0 to 40°C	1 Week
DA-00090	AS-00000090	10/100Mbps	SC-Multimode OM3	27000m	Pass	Digitus	0 to 40°C	1 Week
DA-00091	AS-00000091	10/100Mbps	SC-Multimode OM3	27300m	Pass	Digitus	0 to 40°C	1 Week
DA-00092	AS-00000092	10/100Mbps	SC-Multimode OM3	27600m	Pass	Digitus	0 to 40°C	1 Week
DA-00093	AS-00000093	10/100Mbps	SC-Multimode OM3	27900m	Pass	Digitus	0 to 40°C	1 Week
DA-00094	AS-00000094	10/100Mbps	SC-Multimode OM3	28200m	Pass	Digitus	0 to 40°C	1 Week
DA-00095	AS-00000095	10/100Mbps	SC-Multimode OM3	28500m	Pass	Digitus	0 to 40°C	1 Week
DA-00096	AS-00000096	10/100Mbps	SC-Multimode OM3	28800m	Pass	Digitus	0 to 40°C	1 Week
DA-00097	AS-00000097	10/100Mbps	SC-Multimode OM3	29100m	Pass	Digitus	0 to 40°C	1 Week
DA-00098	AS-00000098	10/100Mbps	SC-Multimode OM3	29400m	Pass	Digitus	0 to 40°C	1 Week
DA-00099	AS-00000099	10/100Mbps	SC-Multimode OM3	29700m	Pass	Digitus	0 to 40°C	1 Week
DA-00100	AS-00000100	10/100Mbps	SC-Multimode OM3	30000m	Pass	Digitus	0 to 40°C	1 Week

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

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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