

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	0.35	5.50	13.00	24.00	1,716.00

More images:



Part Number	SKU Code	Speed	Connector	Distance	Status	Manufacturer	Operating Temperature	Lead/Package
DA-00001	KA00000001	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	1.0m / 100
DA-00002	KA00000002	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	1.5m / 150
DA-00003	KA00000003	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	2.0m / 200
DA-00004	KA00000004	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	2.5m / 250
DA-00005	KA00000005	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	3.0m / 300
DA-00006	KA00000006	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	3.5m / 350
DA-00007	KA00000007	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	4.0m / 400
DA-00008	KA00000008	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	4.5m / 450
DA-00009	KA00000009	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	5.0m / 500
DA-00010	KA00000010	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	5.5m / 550
DA-00011	KA00000011	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	6.0m / 600
DA-00012	KA00000012	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	6.5m / 650
DA-00013	KA00000013	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	7.0m / 700
DA-00014	KA00000014	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	7.5m / 750
DA-00015	KA00000015	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	8.0m / 800
DA-00016	KA00000016	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	8.5m / 850
DA-00017	KA00000017	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	9.0m / 900
DA-00018	KA00000018	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	9.5m / 950
DA-00019	KA00000019	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	10.0m / 1000
DA-00020	KA00000020	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	10.5m / 1050
DA-00021	KA00000021	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	11.0m / 1100
DA-00022	KA00000022	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	11.5m / 1150
DA-00023	KA00000023	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	12.0m / 1200
DA-00024	KA00000024	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	12.5m / 1250
DA-00025	KA00000025	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	13.0m / 1300
DA-00026	KA00000026	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	13.5m / 1350
DA-00027	KA00000027	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	14.0m / 1400
DA-00028	KA00000028	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	14.5m / 1450
DA-00029	KA00000029	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	15.0m / 1500
DA-00030	KA00000030	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	15.5m / 1550
DA-00031	KA00000031	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	16.0m / 1600
DA-00032	KA00000032	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	16.5m / 1650
DA-00033	KA00000033	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	17.0m / 1700
DA-00034	KA00000034	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	17.5m / 1750
DA-00035	KA00000035	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	18.0m / 1800
DA-00036	KA00000036	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	18.5m / 1850
DA-00037	KA00000037	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	19.0m / 1900
DA-00038	KA00000038	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	19.5m / 1950
DA-00039	KA00000039	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	20.0m / 2000
DA-00040	KA00000040	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	20.5m / 2050
DA-00041	KA00000041	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	21.0m / 2100
DA-00042	KA00000042	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	21.5m / 2150
DA-00043	KA00000043	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	22.0m / 2200
DA-00044	KA00000044	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	22.5m / 2250
DA-00045	KA00000045	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	23.0m / 2300
DA-00046	KA00000046	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	23.5m / 2350
DA-00047	KA00000047	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	24.0m / 2400
DA-00048	KA00000048	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	24.5m / 2450
DA-00049	KA00000049	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	25.0m / 2500
DA-00050	KA00000050	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	25.5m / 2550
DA-00051	KA00000051	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	26.0m / 2600
DA-00052	KA00000052	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	26.5m / 2650
DA-00053	KA00000053	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	27.0m / 2700
DA-00054	KA00000054	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	27.5m / 2750
DA-00055	KA00000055	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	28.0m / 2800
DA-00056	KA00000056	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	28.5m / 2850
DA-00057	KA00000057	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	29.0m / 2900
DA-00058	KA00000058	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	29.5m / 2950
DA-00059	KA00000059	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	30.0m / 3000
DA-00060	KA00000060	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	30.5m / 3050
DA-00061	KA00000061	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	31.0m / 3100
DA-00062	KA00000062	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	31.5m / 3150
DA-00063	KA00000063	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	32.0m / 3200
DA-00064	KA00000064	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	32.5m / 3250
DA-00065	KA00000065	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	33.0m / 3300
DA-00066	KA00000066	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	33.5m / 3350
DA-00067	KA00000067	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	34.0m / 3400
DA-00068	KA00000068	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	34.5m / 3450
DA-00069	KA00000069	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	35.0m / 3500
DA-00070	KA00000070	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	35.5m / 3550
DA-00071	KA00000071	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	36.0m / 3600
DA-00072	KA00000072	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	36.5m / 3650
DA-00073	KA00000073	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	37.0m / 3700
DA-00074	KA00000074	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	37.5m / 3750
DA-00075	KA00000075	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	38.0m / 3800
DA-00076	KA00000076	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	38.5m / 3850
DA-00077	KA00000077	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	39.0m / 3900
DA-00078	KA00000078	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	39.5m / 3950
DA-00079	KA00000079	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	40.0m / 4000
DA-00080	KA00000080	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	40.5m / 4050
DA-00081	KA00000081	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	41.0m / 4100
DA-00082	KA00000082	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	41.5m / 4150
DA-00083	KA00000083	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	42.0m / 4200
DA-00084	KA00000084	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	42.5m / 4250
DA-00085	KA00000085	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	43.0m / 4300
DA-00086	KA00000086	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	43.5m / 4350
DA-00087	KA00000087	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	44.0m / 4400
DA-00088	KA00000088	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	44.5m / 4450
DA-00089	KA00000089	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	45.0m / 4500
DA-00090	KA00000090	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	45.5m / 4550
DA-00091	KA00000091	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	46.0m / 4600
DA-00092	KA00000092	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	46.5m / 4650
DA-00093	KA00000093	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	47.0m / 4700
DA-00094	KA00000094	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	47.5m / 4750
DA-00095	KA00000095	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	48.0m / 4800
DA-00096	KA00000096	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	48.5m / 4850
DA-00097	KA00000097	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	49.0m / 4900
DA-00098	KA00000098	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	49.5m / 4950
DA-00099	KA00000099	10/100Mbps	10/100Mbps RJ45	100m	Blue	Digitus	0°C to 40°C	50.0m / 5000

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.</