

DIGITUS® Gigabit Media Converter, RJ45 / ST

DN-82110-1

EAN 4016032293118



Gigabit Ethernet Media Converter, Multimode ST 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 ST 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 multimode 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: ST
- 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	44.55
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	0.19	12.00	7.00	2.60	218.40

More images:

Part Number	SKU Code	Serial	Component	Distance	Reflex	Wavelength	Operating Temperature	Accessories
DA-4000-01	AKS00000001	1010000001	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-02	AKS00000002	1010000002	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-03	AKS00000003	1010000003	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-04	AKS00000004	1010000004	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-05	AKS00000005	1010000005	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-06	AKS00000006	1010000006	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-07	AKS00000007	1010000007	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-08	AKS00000008	1010000008	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-09	AKS00000009	1010000009	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-10	AKS00000010	1010000010	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-11	AKS00000011	1010000011	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-12	AKS00000012	1010000012	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-13	AKS00000013	1010000013	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-14	AKS00000014	1010000014	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-15	AKS00000015	1010000015	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-16	AKS00000016	1010000016	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-17	AKS00000017	1010000017	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-18	AKS00000018	1010000018	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-19	AKS00000019	1010000019	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-20	AKS00000020	1010000020	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-21	AKS00000021	1010000021	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-22	AKS00000022	1010000022	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-23	AKS00000023	1010000023	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-24	AKS00000024	1010000024	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-25	AKS00000025	1010000025	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-26	AKS00000026	1010000026	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-27	AKS00000027	1010000027	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-28	AKS00000028	1010000028	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-29	AKS00000029	1010000029	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-30	AKS00000030	1010000030	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-31	AKS00000031	1010000031	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-32	AKS00000032	1010000032	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-33	AKS00000033	1010000033	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-34	AKS00000034	1010000034	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-35	AKS00000035	1010000035	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-36	AKS00000036	1010000036	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-37	AKS00000037	1010000037	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-38	AKS00000038	1010000038	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-39	AKS00000039	1010000039	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-40	AKS00000040	1010000040	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-41	AKS00000041	1010000041	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-42	AKS00000042	1010000042	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-43	AKS00000043	1010000043	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-44	AKS00000044	1010000044	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-45	AKS00000045	1010000045	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-46	AKS00000046	1010000046	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-47	AKS00000047	1010000047	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-48	AKS00000048	1010000048	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-49	AKS00000049	1010000049	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-50	AKS00000050	1010000050	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-51	AKS00000051	1010000051	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-52	AKS00000052	1010000052	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-53	AKS00000053	1010000053	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-54	AKS00000054	1010000054	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-55	AKS00000055	1010000055	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-56	AKS00000056	1010000056	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-57	AKS00000057	1010000057	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-58	AKS00000058	1010000058	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-59	AKS00000059	1010000059	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-60	AKS00000060	1010000060	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-61	AKS00000061	1010000061	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-62	AKS00000062	1010000062	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-63	AKS00000063	1010000063	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-64	AKS00000064	1010000064	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-65	AKS00000065	1010000065	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-66	AKS00000066	1010000066	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-67	AKS00000067	1010000067	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-68	AKS00000068	1010000068	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-69	AKS00000069	1010000069	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	
DA-4000-70	AKS00000070	1010000070	SC Single-mode Duplex	10km	Yes	1310nm	-10 to 60°C	



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 such as cracks, kinks or signs of wear. Defective cables should be replaced immediately.

EU responsible person

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

ASSMANN Electronic GmbH
 Auf dem Schüffel 3
 Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com