

DIGITUS Fast Ethernet Media Converter, RJ45 / SC

DN-82020-1
EAN 4016032293095



Fast Ethernet Media Converter, Multimode SC 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

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC duplex
- Distance: up to 2km
- Wavelength: 1310nm
- 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
- Link Fault Pass Through (LFP) function for easier network maintenance

- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission power: minimum -22 dBm, maximum -12 dBm
- Sensitivity receiving power: 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: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W

Attributes

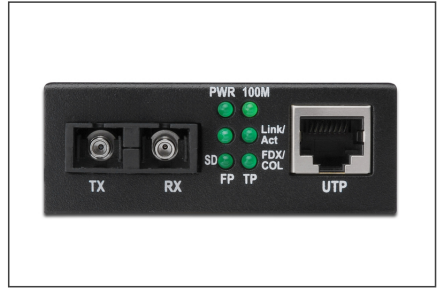
- Connector 1: RJ45
- Connector 2: SC
- Mode: Multimode
- Distance (km): 2
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- Ethernet speed: Fast Ethernet

Package contents

- Media Converter
- Quick installation guide
- Power adapter

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	20	9.70	56.00	40.00	25.50	57,120.00
Packaging Unit Inside	1	0.49	6.00	21.60	16.10	2,086.56
Packaging Unit Single	1	0.49	6.00	21.60	16.10	2,086.56
Net single without Packaging	1	0.18	12.00	7.00	2.60	0.00

A black Netgear GS105T 5-port gigabit switch is shown. It has a power jack on the left, a power button, and five RJ45 ports. The ports are labeled: PoE 100V, 100V, 100V, 100V, and UTP. A pink Ethernet cable is plugged into the first port. A power cable is also plugged into the power jack. The switch is sitting on a white surface.



Media Converter									
Model	SKU Code	Speed	Ports	Distance	Status	Manufacturer	Inventory	Response	Manufacturer
100-000001	100-000001-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000001	100	100-000001	100-000001
100-000002	100-000002-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000002	100	100-000002	100-000002
100-000003	100-000003-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000003	100	100-000003	100-000003
100-000004	100-000004-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000004	100	100-000004	100-000004
100-000005	100-000005-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000005	100	100-000005	100-000005
100-000006	100-000006-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000006	100	100-000006	100-000006
100-000007	100-000007-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000007	100	100-000007	100-000007
100-000008	100-000008-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000008	100	100-000008	100-000008
100-000009	100-000009-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000009	100	100-000009	100-000009
100-000010	100-000010-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000010	100	100-000010	100-000010
100-000011	100-000011-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000011	100	100-000011	100-000011
100-000012	100-000012-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000012	100	100-000012	100-000012
100-000013	100-000013-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000013	100	100-000013	100-000013
100-000014	100-000014-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000014	100	100-000014	100-000014
100-000015	100-000015-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000015	100	100-000015	100-000015
100-000016	100-000016-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000016	100	100-000016	100-000016
100-000017	100-000017-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000017	100	100-000017	100-000017
100-000018	100-000018-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000018	100	100-000018	100-000018
100-000019	100-000019-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000019	100	100-000019	100-000019
100-000020	100-000020-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000020	100	100-000020	100-000020
100-000021	100-000021-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000021	100	100-000021	100-000021
100-000022	100-000022-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000022	100	100-000022	100-000022
100-000023	100-000023-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000023	100	100-000023	100-000023
100-000024	100-000024-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000024	100	100-000024	100-000024
100-000025	100-000025-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000025	100	100-000025	100-000025
100-000026	100-000026-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000026	100	100-000026	100-000026
100-000027	100-000027-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000027	100	100-000027	100-000027
100-000028	100-000028-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000028	100	100-000028	100-000028
100-000029	100-000029-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000029	100	100-000029	100-000029
100-000030	100-000030-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000030	100	100-000030	100-000030
100-000031	100-000031-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000031	100	100-000031	100-000031
100-000032	100-000032-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000032	100	100-000032	100-000032
100-000033	100-000033-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000033	100	100-000033	100-000033
100-000034	100-000034-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000034	100	100-000034	100-000034
100-000035	100-000035-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000035	100	100-000035	100-000035
100-000036	100-000036-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000036	100	100-000036	100-000036
100-000037	100-000037-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000037	100	100-000037	100-000037
100-000038	100-000038-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000038	100	100-000038	100-000038
100-000039	100-000039-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000039	100	100-000039	100-000039
100-000040	100-000040-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000040	100	100-000040	100-000040
100-000041	100-000041-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000041	100	100-000041	100-000041
100-000042	100-000042-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000042	100	100-000042	100-000042
100-000043	100-000043-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000043	100	100-000043	100-000043
100-000044	100-000044-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000044	100	100-000044	100-000044
100-000045	100-000045-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000045	100	100-000045	100-000045
100-000046	100-000046-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000046	100	100-000046	100-000046
100-000047	100-000047-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000047	100	100-000047	100-000047
100-000048	100-000048-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000048	100	100-000048	100-000048
100-000049	100-000049-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000049	100	100-000049	100-000049
100-000050	100-000050-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000050	100	100-000050	100-000050
100-000051	100-000051-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000051	100	100-000051	100-000051
100-000052	100-000052-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000052	100	100-000052	100-000052
100-000053	100-000053-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000053	100	100-000053	100-000053
100-000054	100-000054-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000054	100	100-000054	100-000054
100-000055	100-000055-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000055	100	100-000055	100-000055
100-000056	100-000056-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000056	100	100-000056	100-000056
100-000057	100-000057-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000057	100	100-000057	100-000057
100-000058	100-000058-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000058	100	100-000058	100-000058
100-000059	100-000059-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000059	100	100-000059	100-000059
100-000060	100-000060-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000060	100	100-000060	100-000060
100-000061	100-000061-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000061	100	100-000061	100-000061
100-000062	100-000062-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000062	100	100-000062	100-000062
100-000063	100-000063-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000063	100	100-000063	100-000063
100-000064	100-000064-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000064	100	100-000064	100-000064
100-000065	100-000065-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000065	100	100-000065	100-000065
100-000066	100-000066-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000066	100	100-000066	100-000066
100-000067	100-000067-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000067	100	100-000067	100-000067
100-000068	100-000068-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000068	100	100-000068	100-000068
100-000069	100-000069-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000069	100	100-000069	100-000069
100-000070	100-000070-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000070	100	100-000070	100-000070
100-000071	100-000071-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000071	100	100-000071	100-000071
100-000072	100-000072-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000072	100	100-000072	100-000072
100-000073	100-000073-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000073	100	100-000073	100-000073
100-000074	100-000074-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000074	100	100-000074	100-000074
100-000075	100-000075-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000075	100	100-000075	100-000075
100-000076	100-000076-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000076	100	100-000076	100-000076
100-000077	100-000077-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000077	100	100-000077	100-000077
100-000078	100-000078-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000078	100	100-000078	100-000078
100-000079	100-000079-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000079	100	100-000079	100-000079
100-000080	100-000080-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000080	100	100-000080	100-000080
100-000081	100-000081-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000081	100	100-000081	100-000081
100-000082	100-000082-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000082	100	100-000082	100-000082
100-000083	100-000083-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000083	100	100-000083	100-000083
100-000084	100-000084-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000084	100	100-000084	100-000084
100-000085	100-000085-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000085	100	100-000085	100-000085
100-000086	100-000086-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000086	100	100-000086	100-000086
100-000087	100-000087-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000087	100	100-000087	100-000087
100-000088	100-000088-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000088	100	100-000088	100-000088
100-000089	100-000089-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000089	100	100-000089	100-000089
100-000090	100-000090-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000090	100	100-000090	100-000090
100-000091	100-000091-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000091	100	100-000091	100-000091
100-000092	100-000092-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000092	100	100-000092	100-000092
100-000093	100-000093-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000093	100	100-000093	100-000093
100-000094	100-000094-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000094	100	100-000094	100-000094
100-000095	100-000095-001	100Mbps	2 RJ45 Media to Coax	1000 ft	Good	100-000095	100	100-000095	100-000095
100-000096	100-000096-001	100Mbps	2						

- 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 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