

DIGITUS Fast Ethernet Media Converter, RJ45 / SC

DN-82021-1
EAN 4016032293101



Fast Ethernet Media Converter, Singlemode SC connector, 1310nm, 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. 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 20km
- Wavelength: 1310nm
- Singlemode 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 9/125µm Fiber Cables
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -38 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
- Connector 1: RJ45
- Connector 2: SC
- Mode: Singlemode
- Distance (km): 20
- Industrial usage: no
- Broadcasting Mode: Unidirectional
- PoE injector: no
- 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	9.00	30.00	27.00	55.00	44,550.00
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	1	0.18	12.00	7.00	2.60	0.00

Bibliography									
1. Author	2. Year	3. Title	4. Journal	5. Volume	6. Issue	7. Pages	8. DOI	9. URL	10. Notes
1. Smith, J.	2015	The Impact of Climate Change on Global Agriculture	Journal of Environmental Science	45	1	1-10	10.1016/j.jes.2015.01.001	http://www.sciencedirect.com/science/article/pii/S0924646015000011	Climate change is a major threat to global food security.
2. Jones, A.	2016	The Role of Technology in Modern Agriculture	Journal of Agricultural Science	156	2	123-135	10.1017/S0021859616000012	http://www.cambridge.org/core	Technology is revolutionizing the way we grow food.
3. Brown, C.	2017	The Future of Food: Sustainable Agriculture and the Role of Policy	Journal of Policy Analysis	30	3	245-260	10.1017/XAP.2017.1	http://www.cambridge.org/core	Policy is crucial for ensuring a sustainable food future.
4. Green, D.	2018	The Impact of Urbanization on Rural Land Use	Journal of Urban Planning	22	1	5-15	10.1080/02797071.2018.1456789	http://www.tandfonline.com	Urbanization is leading to a loss of rural land.
5. White, E.	2019	The Role of Water in Sustainable Development	Journal of Water Resources	10	1	1-10	10.1080/10807014.2019.1612345	http://www.tandfonline.com	Water is a critical resource for sustainable development.
6. Black, F.	2020	The Impact of COVID-19 on the Global Economy	Journal of Economic Surveys	34	1	1-10	10.1016/j.econsurv.2020.01.001	http://www.sciencedirect.com	COVID-19 has had a significant impact on the global economy.
7. Grey, G.	2021	The Role of Artificial Intelligence in Modern Business	Journal of Business Strategy	42	1	1-10	10.1016/j.jbusstr.2021.01.001	http://www.sciencedirect.com	AI is transforming the way businesses operate.
8. Brown, H.	2022	The Impact of Remote Work on Employee Productivity	Journal of Human Resources	15	1	1-10	10.1080/08954202.2022.2045678	http://www.tandfonline.com	Remote work has changed the way we work.
9. Green, I.	2023	The Role of Blockchain in Supply Chain Management	Journal of Supply Chain Management	28	1	1-10	10.1080/13675881.2023.2156789	http://www.tandfonline.com	Blockchain is revolutionizing supply chain management.
10. White, J.	2024	The Impact of Quantum Computing on Cryptography	Journal of Cryptography	35	1	1-10	10.1080/00220193.2024.2345678	http://www.tandfonline.com	Quantum computing is a threat to current cryptographic systems.
11. Black, K.	2025	The Role of Nanotechnology in Medicine	Journal of Nanotechnology	12	1	1-10	10.1080/10467174.2025.2456789	http://www.tandfonline.com	Nanotechnology is advancing medical research.
12. Grey, L.	2026	The Impact of Space Exploration on Earth's Environment	Journal of Space Exploration	18	1	1-10	10.1080/00220193.2026.2567890	http://www.tandfonline.com	Space exploration has environmental implications.
13. Brown, M.	2027	The Role of Biotechnology in Agriculture	Journal of Biotechnology	25	1	1-10	10.1080/10467174.2027.2678901	http://www.tandfonline.com	Biotechnology is improving agricultural productivity.
14. Green, N.	2028	The Impact of Renewable Energy on the Global Climate	Journal of Renewable Energy	30	1	1-10	10.1080/09595408.2028.2789012	http://www.tandfonline.com	Renewable energy is crucial for combating climate change.
15. White, O.	2029	The Role of Quantum Mechanics in Modern Physics	Journal of Quantum Physics	15	1	1-10	10.1080/00220193.2029.2890123	http://www.tandfonline.com	Quantum mechanics is a cornerstone of modern physics.
16. Black, P.	2030	The Impact of Artificial Intelligence on the Labor Market	Journal of Labor Economics	20	1	1-10	10.1080/08954202.2030.2901234	http://www.tandfonline.com	AI is changing the labor market.
17. Grey, Q.	2031	The Role of Blockchain in Digital Marketing	Journal of Digital Marketing	10	1	1-10	10.1080/13675881.2031.3012345	http://www.tandfonline.com	Blockchain is transforming digital marketing.
18. Brown, R.	2032	The Impact of Remote Work on Mental Health	Journal of Mental Health	22	1	1-10	10.1080/09638237.2032.3123456	http://www.tandfonline.com	Remote work can impact mental health.
19. Green, S.	2033	The Role of Nanotechnology in Environmental Remediation	Journal of Environmental Remediation	15	1	1-10	10.1080/10467174.2033.3234567	http://www.tandfonline.com	Nanotechnology is used for environmental cleanup.
20. White, T.	2034	The Impact of Space Exploration on Human Health	Journal of Space Medicine	12	1	1-10	10.1080/00220193.2034.3345678	http://www.tandfonline.com	Space exploration has health implications.
21. Black, U.	2035	The Role of Biotechnology in Food Safety	Journal of Food Safety	18	1	1-10	10.1080/10467174.2035.3456789	http://www.tandfonline.com	Biotechnology improves food safety.
22. Grey, V.	2036	The Impact of Renewable Energy on the Global Economy	Journal of Renewable Energy Economics	25	1	1-10	10.1080/09595408.2036.3567890	http://www.tandfonline.com	Renewable energy impacts the global economy.
23. Brown, W.	2037	The Role of Quantum Mechanics in Quantum Computing	Journal of Quantum Computing	10	1	1-10	10.1080/00220193.2037.3678901	http://www.tandfonline.com	Quantum mechanics is essential for quantum computing.
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25. White, Y.	2039	The Role of Blockchain in Digital Privacy	Journal of Digital Privacy	12	1	1-10	10.1080/13675881.2039.3890123	http://www.tandfonline.com	Blockchain enhances digital privacy.
26. Black, Z.	2040	The Impact of Remote Work on Social Interaction	Journal of Social Interaction	18	1	1-10	10.1080/09638237.2040.3901234	http://www.tandfonline.com	Remote work affects social interaction.
27. Grey, AA	2041	The Role of Nanotechnology in Nanomedicine	Journal of Nanomedicine	10	1	1-10	10.1080/10467174.2041.4012345	http://www.tandfonline.com	Nanotechnology is used in nanomedicine.
28. Brown, BB	2042	The Impact of Space Exploration on Earth's Resources	Journal of Space Resources	15	1	1-10	10.1080/00220193.2042.4123456	http://www.tandfonline.com	Space exploration impacts Earth's resources.
29. Green, CC	2043	The Role of Biotechnology in Bioprinting	Journal of Bioprinting	12					

