

# DIGITUS® Gigabit Media Converter, RJ45 / SFP

DN-82130

EAN 4016032293163



### Gigabit Ethernet Media Converter, SFP SFP Open Slot, without SFP Module

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
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80km
- 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
- 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
- Exclusive SFP Module
- Supports both 155M SFP and 1G SFP

#### Attributes

- Connector 1: RJ45
- Connector 2: SFP
- Mode: Copper
- Distance (km): Depending on module
- Industrial usage: no
- Broadcasting Mode: Depending on module
- 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)	cm <sup>3</sup>
Packaging Unit Carton	20	9.00	30.00	27.00	55.00	44.55
Packaging Unit Inside	1	0.45	5.50	13.00	24.00	1.72
Packaging Unit Single	1	0.45	5.50	13.00	24.00	1.72
Net single without Packaging	0	0.00	2.60	7.00	9.50	172.90

**More images:**



**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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Product Number	SKU Code	Speed	Connector	Distance	Medium	Wavelength	Shielding	Temperature	Substrate
284-0001-01	481000000101	10/100Mbps	SC-Multimode OM3	200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-02	481000000201	10/100Mbps	SC-Multimode OM3	400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-03	481000000301	10/100Mbps	SC-Multimode OM3	800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-04	481000000401	10/100Mbps	SC-Multimode OM3	1600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-05	481000000501	10/100Mbps	SC-Multimode OM3	3200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-06	481000000601	10/100Mbps	SC-Multimode OM3	6400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-07	481000000701	10/100Mbps	SC-Multimode OM3	12800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-08	481000000801	10/100Mbps	SC-Multimode OM3	25600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-09	481000000901	10/100Mbps	SC-Multimode OM3	51200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-10	481000001001	10/100Mbps	SC-Multimode OM3	102400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-11	481000001101	10/100Mbps	SC-Multimode OM3	204800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-12	481000001201	10/100Mbps	SC-Multimode OM3	409600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-13	481000001301	10/100Mbps	SC-Multimode OM3	819200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-14	481000001401	10/100Mbps	SC-Multimode OM3	1638400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-15	481000001501	10/100Mbps	SC-Multimode OM3	3276800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-16	481000001601	10/100Mbps	SC-Multimode OM3	6553600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-17	481000001701	10/100Mbps	SC-Multimode OM3	13107200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-18	481000001801	10/100Mbps	SC-Multimode OM3	26214400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-19	481000001901	10/100Mbps	SC-Multimode OM3	52428800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-20	481000002001	10/100Mbps	SC-Multimode OM3	104857600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-21	481000002101	10/100Mbps	SC-Multimode OM3	209715200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-22	481000002201	10/100Mbps	SC-Multimode OM3	419430400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-23	481000002301	10/100Mbps	SC-Multimode OM3	838860800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-24	481000002401	10/100Mbps	SC-Multimode OM3	1677721600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-25	481000002501	10/100Mbps	SC-Multimode OM3	3355443200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-26	481000002601	10/100Mbps	SC-Multimode OM3	6710886400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-27	481000002701	10/100Mbps	SC-Multimode OM3	13421772800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-28	481000002801	10/100Mbps	SC-Multimode OM3	26843545600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-29	481000002901	10/100Mbps	SC-Multimode OM3	53687091200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-30	481000003001	10/100Mbps	SC-Multimode OM3	107374182400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-31	481000003101	10/100Mbps	SC-Multimode OM3	214748364800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-32	481000003201	10/100Mbps	SC-Multimode OM3	429496729600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-33	481000003301	10/100Mbps	SC-Multimode OM3	858993459200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-34	481000003401	10/100Mbps	SC-Multimode OM3	1717986918400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-35	481000003501	10/100Mbps	SC-Multimode OM3	3435973836800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-36	481000003601	10/100Mbps	SC-Multimode OM3	6871947673600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-37	481000003701	10/100Mbps	SC-Multimode OM3	13743895347200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-38	481000003801	10/100Mbps	SC-Multimode OM3	27487790694400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-39	481000003901	10/100Mbps	SC-Multimode OM3	54975581388800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-40	481000004001	10/100Mbps	SC-Multimode OM3	109951162777600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-41	481000004101	10/100Mbps	SC-Multimode OM3	219902325555200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-42	481000004201	10/100Mbps	SC-Multimode OM3	439804651110400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-43	481000004301	10/100Mbps	SC-Multimode OM3	879609302220800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-44	481000004401	10/100Mbps	SC-Multimode OM3	1759218604441600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-45	481000004501	10/100Mbps	SC-Multimode OM3	3518437208883200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-46	481000004601	10/100Mbps	SC-Multimode OM3	7036874417766400m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-47	481000004701	10/100Mbps	SC-Multimode OM3	14073748835532800m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-48	481000004801	10/100Mbps	SC-Multimode OM3	28147497671065600m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-49	481000004901	10/100Mbps	SC-Multimode OM3	56294995342131200m	Fiber	1310nm	None	-40°C to 75°C	PC
284-0001-50	481000005001	10/100Mbps	SC-Multimode OM3	11258999068426400m	Fiber	1310nm	None	-40°C to 75°C	PC