



OMCG03LC

10GBase-T / 10GBase-X SFP+ Media Converter



OMCG03LC is a media converter with one 10GBase-T port and one 10G SFP+ port.

The ORIGO OMCG03LC media converter converts a twisted-pair 100/1000/2.5G/5G/10GBase-T connection to a fiber 10GBase-X connection. The media converter has one RJ-45 port for twisted-pair cable and one SFP+ slot for installing a transceiver (not included). Operating wavelengths, fiber cable type and maximum data transmission distance depend on chosen transceiver.

Key Features

- 100/1000/2.5G/5G/10GBase-T RJ-45 port
- 10GBase-X SFP+ port for installing a transceiver
- Auto MDI/MDIX on copper port
- Auto-negotiation
- Metal housing
- Power adapter included



Specifications

Hardware

Interfaces	<ul style="list-style-type: none">• 100/1000/2.5G/5G/10GBase-T (RJ-45) port• 10GBase-X SFP+ port
Standards and Functions	<ul style="list-style-type: none">• IEEE 802.3 10Base-T• IEEE 802.3u 100Base-TX• IEEE 802.3ab 1000Base-T• IEEE 802.3bz 2.5G/5GBase-T• IEEE 802.3an 10GBase-T• IEEE 802.3ae 10GBase-X• Auto-negotiation of speed and duplex mode• Auto MDI/MDIX on copper port• 16K jumbo frame
LEDs	<ul style="list-style-type: none">• PWR<ul style="list-style-type: none">- ON – power on state- OFF – power off state• Link/Act (SFP+)<ul style="list-style-type: none">- Always bright – terminal device connected- Flicker – data pass- OFF – no connection• Link/Act (RJ-45)<ul style="list-style-type: none">- Always bright – terminal device connected- Flicker – data pass- OFF – no connection
Power	<ul style="list-style-type: none">• Connector for connecting the DC power adapter
Casing	<ul style="list-style-type: none">• Metal
Mounting	<ul style="list-style-type: none">• Desktop

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 93.5 x 70.5 x 26 mm
Weight	<ul style="list-style-type: none">• 1.44 kg
Package Dimensions	<ul style="list-style-type: none">• 10.3 x 7.8 x 6.5 cm



Gross Weight	• 1.5 kg
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Operating Conditions

Power Input	<ul style="list-style-type: none">• External power adapter<ul style="list-style-type: none">- Output: 12 V DC,1 A• Power adapter cable length: 1.2 m
Maximum Power Consumption	• 3 W
Temperature	<ul style="list-style-type: none">• Operating: 0 to 50 °C• Storage: -25 to 70 °C
Humidity	• 20% to 80% (non-condensing)

Package Contents

Package Contents	<ul style="list-style-type: none">• OMCG03LC Media Converter• Power Adapter (1.2 m cable length)• Quick Installation Guide
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Order Info

OMCG03LC	Media Converter, 10GBase-T / 10GBase-X SFP+
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