



OMCG10SC

1000Base-T / 1000Base-LX (SC) Media Converter (1310 nm, Single-mode, 10 km)



OMCG10SC is a media converter with one 1000Base-T port and one 1000Base-LX port with SC connector for single-mode fiber cable (up to 10 km).

The ORIGO OMCG10SC media converter converts a twisted-pair 1000Base-T Gigabit Ethernet connection to a single-mode fiber 1000Base-LX Gigabit Ethernet connection, that allows to extend a connection distance (up to 10 km) between two devices. This media converter has one RJ-45 for twisted-pair and one port with SC connector for fiber cable.

Key Features

- 1000Base-T RJ-45 port
- 1000Base-LX port with SC connector
- Supports single-mode fiber cable with a length of up to 10 km
- 1310 nm wavelength
- Metal housing
- Power adapter included

Specifications

Hardware

Interfaces	<ul style="list-style-type: none">• 10/100/1000Base-T (RJ-45) port• 1000Base-LX port with SC connector
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 802.3z 1000Base-LX• IEEE 802.3x Flow Control• Auto MDI/MDIX on copper port
LEDs	<ul style="list-style-type: none">• PWR• Link/Act (SC)• Link/Act (RJ-45)
Fiber Cable Type	<ul style="list-style-type: none">• Single-mode
Fiber Cable Length	<ul style="list-style-type: none">• Up to 10 km
Wavelength	<ul style="list-style-type: none">• 1310 nm
Power	<ul style="list-style-type: none">• Connector for connecting the DC power adapter
Casing	<ul style="list-style-type: none">• Metal

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 70.5 x 93.5 x 26 mm
Weight	<ul style="list-style-type: none">• 124 g

Operating Conditions

Power Input	<ul style="list-style-type: none">• External power adapter- Output: 5 V DC, 0.55 A
Maximum Power Consumption	<ul style="list-style-type: none">• 1.65 W
Temperature	<ul style="list-style-type: none">• Operating: 0 to 55 °C• Storage: -25 to 70 °C
Humidity	<ul style="list-style-type: none">• 20% to 80% (non-condensing)



Package Contents

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Order Info

OMCG10SC	Media Converter, 1000Base-T / 1000Base-LX (SC), 1310nm, single-mode, up to 10km
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