



## RJ45 – F.O. media converter 10/100/1000Mbps, SC Single-mode (SM), TX: 1550nm, RX: 1310nm

This optical media converter allows extending communication by transmitting data over single-mode (SM) fibers. This transceiver device receives 10/100/1000Base-TX electrical signals through a RJ45 connector, converts these signals, and transmits them over a 1000Base-FX fiber link using a single-mode optical-fiber patch cord with SC/UPC connector.

Designed to provide a high-reliable performance, it is the ideal option for overcoming long link distances in point-to-point data transmission (up to 10 km).

The wavelength used in transmission by this equipment is 1550 nm, while in reception it uses a wavelength of 1310 nm. For correct operation, it is necessary to use this device together with the media converter with reference 769216.

<b>Ref.</b>	769217
<b>Logical ref.</b>	MKRJ45-SC1550
<b>EAN13</b>	8424450271797

### Packing

<b>Box</b>	1 pcs.
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### Physical data

<b>Net weight</b>	242.00 g
<b>Gross weight</b>	326.00 g

<b>Width</b>	71.00 mm
<b>Height</b>	26.00 mm
<b>Depth</b>	105.00 mm
<b>Main product weight</b>	242.00 g

## Highlights

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- Plug & Play: Easy and fast installation
- Compatible with single-mode (SM) optical-fiber patch cords with SC/UPC connectors
- Compatible with Cat 5 or higher data cables
- Compatible with IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3ab (1000Base-T), 802.3x (1000Base-X), IEEE 802.3x (Flow Control) standards
- MDI/MDIX auto-detection
- Metal case that offers a professional design, as well as good thermal management
- Transmission range up to 10 km
- 1x 10/100/1000Mbps Full/Half Duplex RJ45 port
- 1x SC/UPC type optical port
- Monitoring and diagnostic LED indicators
- Low time delay
- Limited size
- Power supply unit included

## Application example

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