

MPN: LVN-MED-SC-1000BASE-X-2

# Pair 1-Port 10/100/1000X SC to 1-Port 10/100/1000T 802.3x Media Converter

The transceiver facilitates the conversion from 1000BASE-SX/LX/LH/EX/ZX fiber to 10/100/1000Base-T copper media and vice versa, offering cost-effective solutions for media conversion between fiber and copper Ethernet.

It offers SC, FC, or ST connectors for fiber optic cables and an RJ45 connector for twisted pair UTP cable connections.



The device supports extensions up to 20km over fiber.

- 1x RJ45 port and 1x fiber SC port
- The Distance support to 20KM
- In conformity with safety code of FCC, CE and RoHS
- Support flow control
- Auto Negotiation
- Auto MDI/MDI-X
- Supports 10/100/1000M full/half duplex, easy upgrades

## Specifications

<b>Design</b>	<b>Certification</b>	CE, FCC, Rohs
	<b>Housing material</b>	Metal
	<b>International Protection (IP) code</b>	IP20
	<b>LED indicators</b>	Power, TX / RX, FDX, 10/100/1000 Mbits/sec Link/Activity
<b>Management features</b>	<b>Plug and Play</b>	Yes
<b>Network</b>	<b>Auto MDI/MDI-X</b>	Yes
	<b>Auto-negotiation</b>	Yes
	<b>Cable types supported</b>	Cat5, Cat5e, Cat6, Cat6a, Cat7
	<b>Copper ethernet cabling technology</b>	1000BASE-LX, 1000BASE-SX
	<b>Duplex system</b>	Full
	<b>Flow control support</b>	Yes
	<b>Networking standards</b>	IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3an, IEEE 802.3ae, IEEE 802.3x
	<b>Operational conditions</b>	<b>Operating relative humidity (H-H)</b>
<b>Operating temperature (T-T)</b>		0 - 50 °C
<b>Storage relative humidity (H-H)</b>		5 - 95 %
<b>Storage temperature (T-T)</b>		-40 - 70 °C
<b>Other features</b>	<b>Connector(s)</b>	RJ45, SC
	<b>Power requirements</b>	5V 1A
	<b>Transmission distance (max)</b>	20 km
<b>Packaging content</b>	<b>Quick installation guide</b>	Yes
	<b>User guide</b>	Yes

<b>Performance</b>	<b>Fiber cable diameters supported (core/cladding)</b>	9/125, 50/125, 62.5/125 $\mu\text{m}$
	<b>Fiber mode structure</b>	Single-mode, Multi-mode
<b>Ports &amp; interfaces</b>	<b>Connectivity technology</b>	Wired
	<b>Fiber optic connector</b>	SC
<b>Power</b>	<b>Input current</b>	1 A
	<b>Input voltage</b>	5 V
<b>Technical details</b>	<b>Sustainability certificates</b>	RoHS, Low Voltage Directive (LVD)
	<b>Sustainability compliance</b>	Yes
<b>Vendor information</b>	<b>Brand Name</b>	Lanview
	<b>Warranty</b>	2 Year(s)

## Other images

