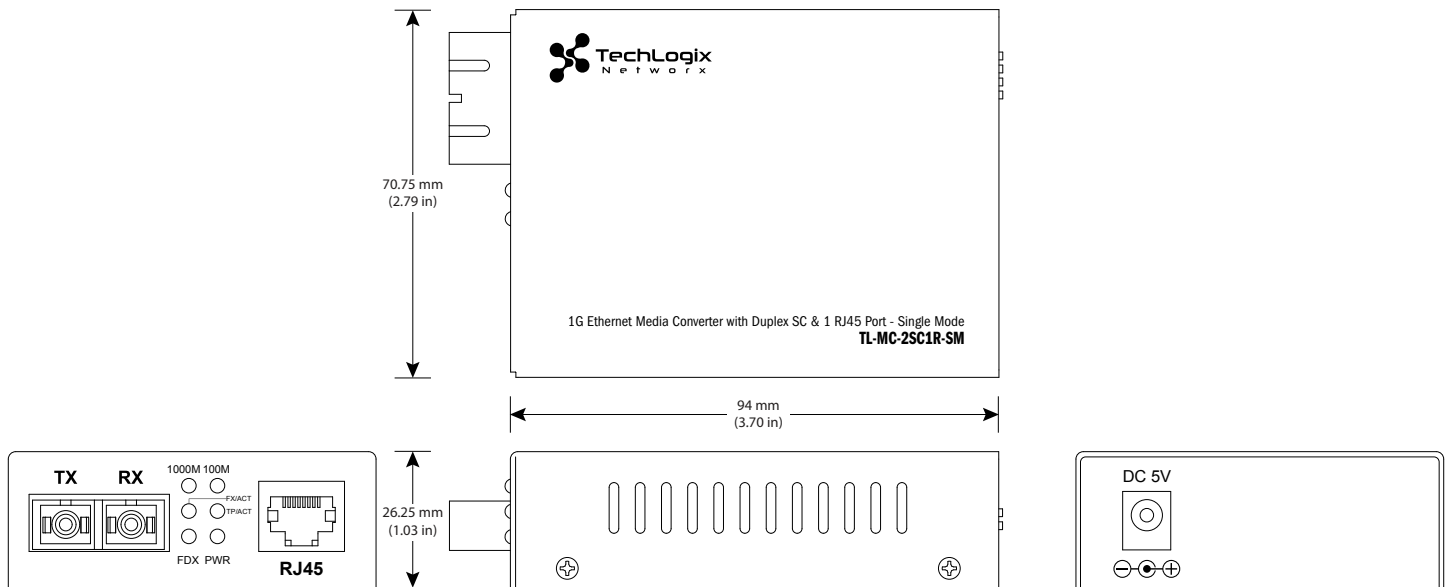


## TL-MC-2SC1R-SM

# 1G Ethernet Media Converter with Duplex SC & 1 RJ45 Port - Single Mode



## SPECIFICATIONS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Data transfer rate: 1000 Mbps</li> <li>• 10/100/1000Base-TX auto-sensing RJ45 port, maximum distance 100 m / 300 ft. (Cat5e and better)</li> <li>• RJ45 port with Auto MDI/MDI-X support</li> <li>• One 1000Base-LX fiber SC single mode port supporting a maximum distance of 20 km (12.4 miles)</li> </ul> | <ul style="list-style-type: none"> <li>• Wavelength: 1310 nm</li> <li>• Status LEDs for power and Link/TX for both ports</li> <li>• Supports jumbo frames up to 9 kBytes</li> <li>• Functions as a stand-alone converter or can be used with the 14-slot media converter chassis, model TL-RKMC-14</li> <li>• Fully NDAA-compliant</li> </ul> |
|---|---|



## TL-MC-2SC1R-SM



## INPUTS AND OUTPUTS

Fiber	Duplex SC Port
RJ45	8P8C Twisted Pair Ethernet Port
DC 5V	5.5 mm Outside Diameter, 2.6 mm Inside Diameter
LED Indicators	Twisted Pair Ethernet Speed (1000M or 100M), Fiber Signal Presence (FX/ACT), Twisted Pair Activity (TP/ACT), Full Duplex Connection (FDX), Device Power (PWR)

## SIGNAL SPECIFICATIONS

Supported Fiber Type	1000Base-LX single-mode 8/125μm
Maximum Fiber Distance	220m (721 ft) (OM1) 550m (1,804 ft) (OM2 and greater)
Wavelength	1310nm
TX Power Range	-9 to -3 dBm
RX Sensitivity	≤-23 dBm
Ethernet Port (RJ45) Support	IEEE 802.3 (Twisted Pair Ethernet), IEEE 802.3ab (Twisted Pair Gigabit Ethernet), IEEE 802.3u (Twisted Pair / Fiber Optic Fast Ethernet), IEEE 802.3z (Fiber Optic Gigabit Ethernet)
Support Twisted Pair Cable	1000Base-T Cat5e or higher UTP/STP RJ45
Maximum Twisted Pair Distance	100m (328 ft)

## POWER, ESD, AND REGULATORY

Maximum Power Consumption	3.0W
Power Supply	100-240v AC Input, 5v 1A Output
Regulatory	FCC Class B, CE, UKCA, NDA

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature (Environment)	0° to +50° C (32° to 122° F)
Storage Temperature (Environment)	-20° to +70° C (-4° to 158° F)
Operating Relative Humidity (Environment)	10% to 80%

## CHASSIS SPECIFICATIONS

Enclosure	Painted steel
Dimensions (H x W x D)	26.25mm (1.03 in) x 70.75mm (2.79 in) x 94mm (3.70 in)
Weight	180g (0.40 lb)

## OTHER

Warranty	1 year
Included Accessories	1 ea Power Supply with US 2-prong AC Connector, 1 ea Product Manual
Compatible TechLogix Products	TL-RKMC-14

