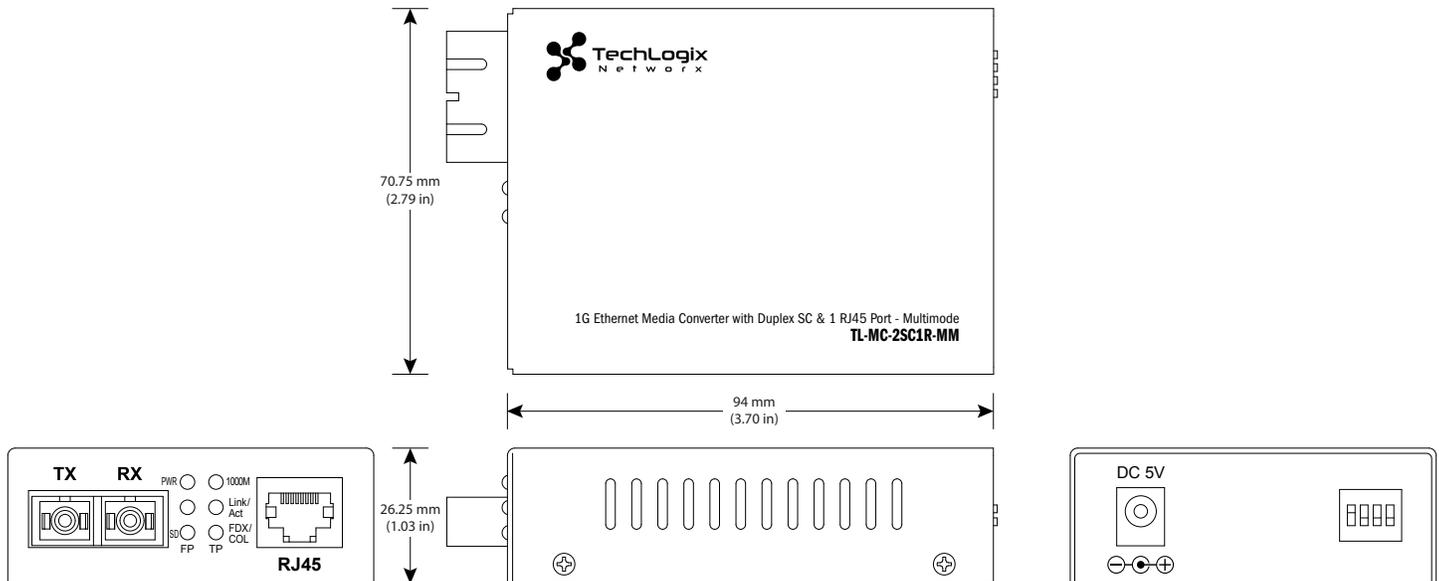


## Technical Specifications

# TL-MC-2SC1R-MM

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

- Data transfer rate: 1000 Mbps
- 10/100/1000Base-TX auto-sensing RJ45 port, maximum distance 100 m / 300 ft. (Cat5e and better)
- RJ45 port with Auto MDI/MDI-X support
- One 1000Base-SX fiber SC multimode port supporting a maximum distance of 550 m (1,800 ft.)
- Wavelength: 850 nm
- Status LEDs for power and Link/TX for both ports
- Supports jumbo frames up to 9 kBytes
- Functions as a stand-alone converter or can be used with the 14-slot media converter chassis, model TL-RKMC-14
- Fully NDAA-compliant



## 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	Device Power (PWR), Twisted Pair Ethernet Speed (1000M), Fiber Link (FP Link/ACT), Twisted Pair Activity (TP Link/ACT), Fiber Optic Link (SD)
DIP Switch	DIP 1: Link Fault Pass-through DIP 3: Cut-through Switching

## Signal Specifications

Supported Fiber Types	1000Base-SX multi-mode 50/125 $\mu$ m (OM2 and greater) & 62.5/125 $\mu$ m (OM1)
Maximum Fiber Distance	220m (721 ft) (OM1) 550m (1,804 ft) (OM2 and greater)
Wavelength	850nm
TX Power Range	-9 to -3 dBm
RX Sensitivity	$\leq$ -23 dBm
Ethernet Port (RJ45) Support	IEEE 802.3 (10Base-T Ethernet), IEEE 802.3u (100Base-TX Fast Ethernet), IEEE 802.3z (1000BASE-X Gigabit Ethernet), IEEE 802.3ab (Twisted-pair Gigabit Ethernet), IEEE 802.1d (Spanning Tree Protocol), IEEE 802.1q (VLAN Tagging), IEEE 802.1p (Traffic Prioritization)
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	300g (0.66 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