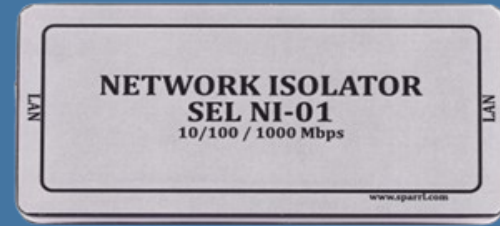


# NETWORK ISOLATOR

- Network Isolator provides complete isolation to any device connected via a copper-based Ethernet network.
- Prevents current flow resulting from differences in electrical potentials, hence protecting the connected devices and their users from stray external voltages or power surges which may be directly or inductively coupled onto the network lines.
- Facilitates safe Ethernet connection of the product when incorporated as part of the product.



## Features & Specifications

### General

Connectors	RJ45 Jack, Straight
RJ45 Mating Cycle	>250 Cycles
Transmission Speed	10/100/1000 Base-T
Isolation Voltage	6 kVA for 10/100 Mbps model & 4 kVA for 1000 Mbps model
Insertion Loss	-1.5 dB @ 100 KHz to 100 MHz
Crosstalk	-40 dB @ 1 MHz to 100 MHz

### Environmental

Operating temperature	-40 °C to 85 °C
Protection Rating	IP54

### Packaging

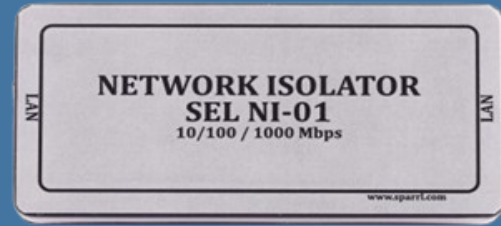
Housing Colour	Black
Housing Material	Plastic
Dimensions (LxWxH)	101mm(L) x 52mm(W) x 25mm(H)
Approximate Weight	75g
Warranty	12 Months

## Sparr Electronics Limited

414A, 7th Main Rd, 1st Block, HRBR Layout, Banaswadi, Bengaluru, Karnataka 560043, INDIA  
Phone: +91-9900477055, +91-80-41278033 For more details visit: <http://www.sparrl.com>

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## Applications

- Patient Protection

Electrical separation of Ethernet interfaces of medical electrical (ME) devices and systems, where patients must be protected from dangerous leakage currents, in conformity with applicable standards.

- Equipment Protection

Applications in which devices need to be protected against ripple, mains hum and surge voltages from the network periphery.

- Measurement Technology

Electrical measuring and monitoring equipment which needs to be protected against external voltages and interference voltage arising from the Ethernet periphery.



Part Number	Model	Deliverables
2766059483	1G Network Isolator ROHS	Isolator

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