



Bourns Releases New LAN Gigabit Ethernet Transformer

Model SM91602L

Riverside, California – **June 7, 2022** – Bourns Magnetics Product Line introduces the [Model SM91602L](#) LAN Gigabit Ethernet Transformer. This new single-port Gigabit Ethernet Isolation Transformer includes common mode chokes for noise rejection for Ethernet applications and is designed to meet gigabit ethernet communication requirements with reinforced insulation.

The Model SM91602L LAN transformer offers 4680 VDC isolation voltage/500 V working voltage/reinforced insulation and an extended operating temperature range of 0 to +85 °C

Typical Characteristics:

Model	OCL (μ H Min. @ 8 mA DC Bias)	Size (mm)	Working Voltage (V)	Creepage Distance (mm)	Clearance Distance (mm)
SM91602L	350	33.0 x 19.6 x 10.5	500	5 min.	5 min.

For additional details, visit www.bourns.com/products/magnetic-products/transformers-signal.

If you have any questions or need additional information, please feel free to contact [Customer Service / Inside Sales](#).

Features

- Designed to meet gigabit Ethernet
- Reinforced insulation per IEC 60664-1 and IEC 62368-1 requirements
- 500 V working voltage; creepage distance 5 mm min., clearance distance 5 mm min.
- Expanded temperature range: 0 to +85 °C
- RoHS compliant*

Applications

- Industrial 4.0
- White goods

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.