

## Baytems Model S3010-B CISPR 16 / EN 55016-1-2 LISN

Product Overview



- LISN as per CISPR 16 and EN 55016-1-2 standards
- Two phases (live and neutral)
- Fixed attenuator and limiter integrated
- Remote control as option
- NEMA or Schuko connectors
- Artificial hand simulation
- Robust and stable design

The Baytems Model S3010-B Line Impedance Stabilization Network (LISN) meets standards CISPR 16 and EN 55016-1-2. It contains an integrated attenuator, a limiter and features an artificial hand simulation.

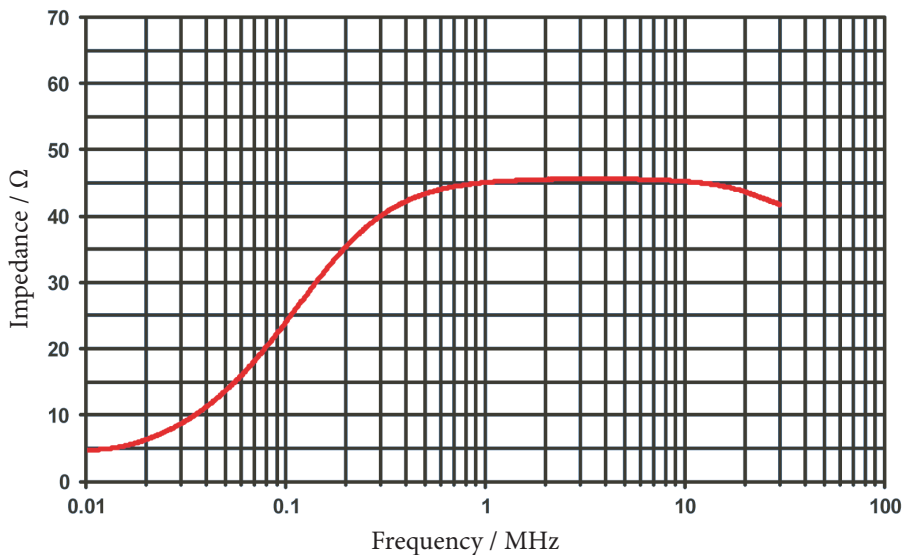
Conducted emission on AC power lines, which are typically generated by electrical equipment, can be verified with the help of a LISN together with a spectrum analyzer or EMC receiver. In principle, the Baytems Model S3010-B LISN is a precision filter network for high currents. The EUT is connected to power lines through a low pass filter. The LISN also presents a well-defined impedance to the signal.

For automated testing systems the Model S3010-B can be fitted with a remote control option.

[baytems.com/go/lisn](http://baytems.com/go/lisn) 



## Typical impedance



## Technical specifications

Frequency range	9 kHz — 30 MHz
Standard	CISPR 16 / EN 55016-1-2
Maximum current	16 A
Maximum voltage	250 VAC / 350 VDC
Network type	50 $\Omega$ // 50 $\mu$ H $\pm$ 20%
DC resistance	typ. 45 m $\Omega$
Attenuator	10 dB
Limiter threshold	typ. 1.5 V <sub>p</sub>
Monitor port impedance	50 $\Omega$

Operating environment	5 — 35 °C, RH 0 — 80 %
Storage environment	-40 — 70 °C
Dimensions W x H x D	165 x 62 x 270 mm
Weight	1.7 kg
Monitor connector	BNC
Power input connector	IEC 320-C20
Power output connector	NEMA or Schuko
Ground connectors	4 mm binding posts
Remote connector	D-SUB 9M
Warranty	1 year

## Ordering information

S3010-B LISN Model S3010

## Accessories included

Power cord, manual, and calibration certificate.

## Options

- 001 NEMA connectors
- 002 Schuko connectors
- 010 Remote control



Front panel view



Back panel view

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