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NetFilter Nano[®]

www.lea-networks.com

NetFilter Nano®

Get the best of your PLC adapters

Add a **NetFilter Nano®** to your powerline network to get higher bitrate, by protecting the network from electrical noise generated by Consumer Electronic equipment

To avoid losing a wall power socket, the **NetFilter Nano®** has an additional pass through socket supporting a maximum current of 16 A (230V/50Hz) without noticeable temperature increase even during maximum use



To guarantee Powerline network's quality, advanced filtering has been implemented to provide very high attenuation of noise in the PLC frequency band

Applications



- Improves PLC network bitrate when using basic PLC adapters
- Preserves quality of Powerline network by filtering noise coming from consumer electronic equipment
- Avoid losing a wall power socket when PLC adapter is plugged

Features

- Pass through socket supporting a maximum current of 16 A/230V/50Hz
- 35 dB attenuation on Powerline frequency (2-30 Mhz)

General Specifications

Standards & Regulations

- Low Voltage Directive 2006/95/EEC
- EMC Directive 2004/108/EEC
- Approvals: CE-marking /RoHS

Environmental

- Operating & Storage humidity 10%-90% non-condensing
- Temperature
 - Operating: from 0°C to 35°C
 - Storage: from -20°C to 75°C

Casing

- Colors: White
- Dimensions:
 - L: 75 x W: 58 x D: 40 mm
- Unit weight: 120 grams

Technical Specifications

Filter characteristic

- 35 dB rejection filter in [2-30] MHz band

Plug description

- 1 x plug CEE 7/7 - 16 A/230V/50 Hz

Socket description

- 1 x filtered pass through socket CEE 7/7 - 16A / 230V / 50Hz
- 1 x unfiltered pass through socket CEE 7/16 - 2.5A / 230V / 50Hz



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