

## BIALON NF02

Network filters for LONWORKS® **Power Line** networks



- Suppresses high-frequency interference signals
- Higher data throughput on **Power Line** networks
- Improves the network quality
- Attenuates the interference signal by 6 dB
- Flexible installation location

The BIALON NF 02 network filter is a critical infrastructure component for safe data transmission on LONWORKS® **Power Line** networks. It is used to suppress unidentified interference sources. The transmission quality on the network is improved by attenuating high-frequency interference signals, thus leading to a vastly improved data throughput.

This attenuation filter impresses with its flexible installation location in lamps, distribution boxes, sockets, etc. The housing is the only difference between this filter and the model designed for DIN top-hat rails, BIALON NF 01 (Order no. 095026); the functionality is identical.

### Order details

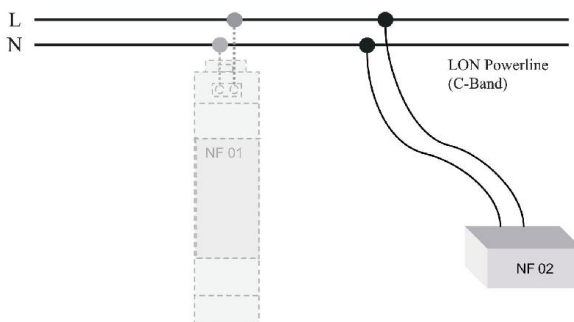
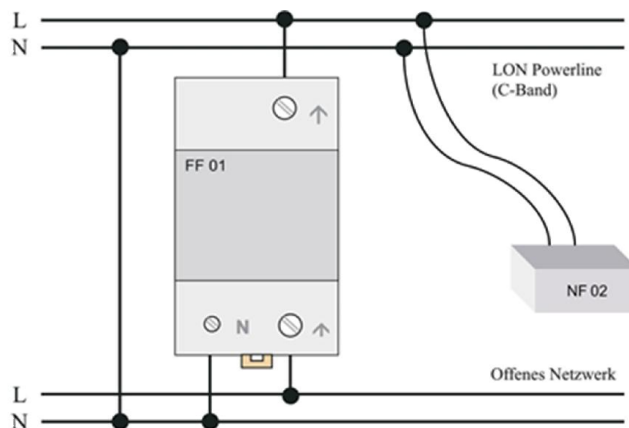
Description	Order number
BIALON NF02	095027

**Connection:**

The filter should be deployed at a maximum of 6-8 m from the position where the interference signal appears to be strongest. Network interference is indicated by permanent flashing of the BIU LED on the **Power Line** modules. A filter achieves attenuation of 6 dB. To increase signal attenuation, two filters can be used in parallel. In some cases, it can be useful to install multiple filters in one building.

**Note:**

The effect of the band elimination filter (Order no. 095025) can be enhanced by additionally installing this attenuation filter.



**Technical data**

Mains voltage	max. 230 V AC ±10%
Mains frequency	50 Hz
Attenuation	6 dB ±10%
Connection phase	Cable 1.5 mm <sup>2</sup>
Neutral cable connection	Cable 1.5 mm <sup>2</sup>
Operating temperature	0 ... 55 °C
Housing	Housing for recessed installation
Protection type	IP 20 as per DIN EN 60529
Dimensions (L x W x H)	25x 25 x 15 mm