

Powerline Filter for PLC communication

- AC 90-120V 50-60Hz 15A
- One AC plug, one AC outlet
- 30dB attenuation at 2-30MHz band

Description

The PLF100 provides excellent homeplug/in-home noise filtering to user for maintaining a good powerlinenetwork environment. This filter enables you to isolate the power outlet's noise and your PowerLine Communication (PLC) device.

Features

- One AC plug
- One AC outlet
- □ Built in PLC notched filter

1 OF 2

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Specification

Interface	One AC plug.
	One AC outlet.
Max. output capacity	AC 90-120V; 15A, 50-60Hz.
Dimension (L x W x H)	65mm x 48mm x 35mm.
Filter capacity	-30 to -45dB attenuation among 2-30MHz band.
Flammability Class	V1 class.
Operating Temperature	0~40°C (32~104°F).
	Relative Humidity: 10%~90% non-condensing.
Storage	Temperature: -20~60°C (-4~140°F).
	Relevant Humidity: 5%~95% non-condensing.
Housing color	White.
Certification	PSE.

Typical insertion loss chart

Insertion loss 12 16 32 20 24 28 Frequency (MHz) N SWP PARAM VAL VAL -45.836 dB -27.371 dB -34.541 dB -42.153 dB -48.537 dB -49.101 dB -48.42 dB -46.356 dB 0 30 MHz 1 MHz 2 MHz 4 MHz 10 MHz 15 MHz 21 MHz 28.5 MHz

General usage



