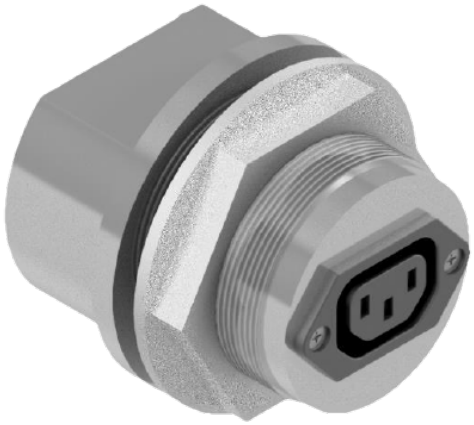
Pasif AC10
10 Amp EMI Power Filter



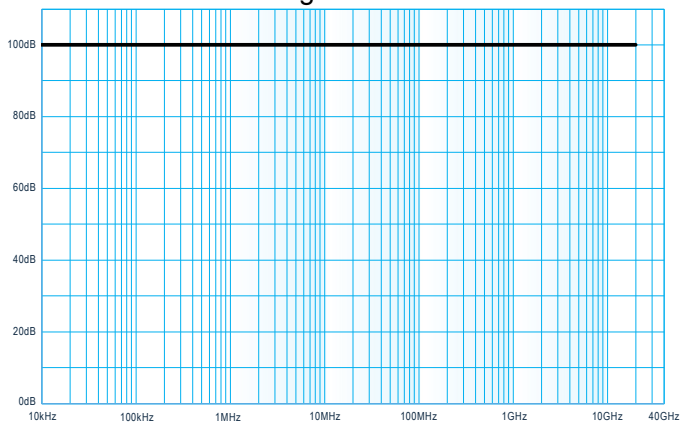
The *Pasif AC10* is a high-performance power-line EMI filter designed to deliver exceptional RF isolation in a compact, plug-and-play format. Unlike traditional AC power filters that require hardwiring, the *Pasif AC10* uses integrated IEC connectors — making it the only power filter in its class that is simple to install and connects with no additional wiring.

Its rugged, shielded aluminum body houses a precision-engineered filter that achieves >80dB of insertion loss starting at 125MHz, with >100dB from 2GHz to 40GHz. The *Pasif AC10* is ideal for RF shielded test enclosures, screen rooms, and other secure environments where ease of installation and uncompromising performance are essential.

Key Features:

- Compact plug-and-play design with universal IEC connectors
- Requires only a single hole for installation — no additional wiring or terminations needed
- >100dB performance in a small package
- Rated for 10A, 100–250VAC with integrated safety fuse
- Rugged milled aluminum housing with electroless nickel plating

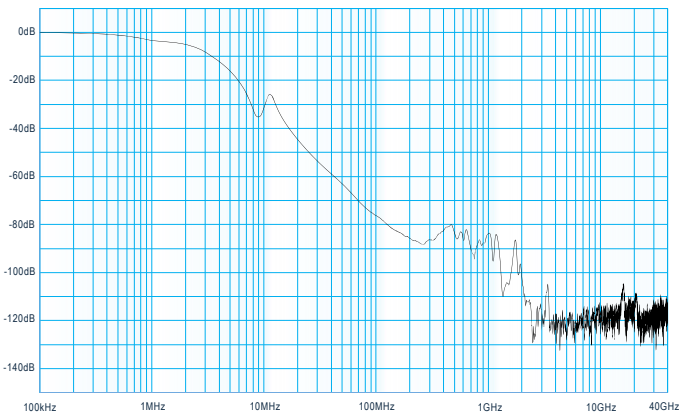
Shielding Effectiveness



Ideal For:

- RF Shielded Test Enclosures
- Tabletop Enclosures
- Shielded Racks and Cabinets
- Mobile Enclosures
- SCIFs and SAPFs
- Screen Rooms

Insertion Loss



Technical Specifications

Filter Performance	Shielding Effectiveness	>100dB from 10kHz to >20GHz (typical) *Note: Tested without cables attached*
	Insertion Loss	>80dB from 125MHz to 40GHz (typical) >100dB from 2GHz to 40GHz (typical)
Electrical Performance	Voltage	100VAC to 250VAC; 350VAC Max
	Current	10A Max
	Power Source	Single Phase; 50/60Hz
	Safety	10A Fuse on C14 Input
Environmental	Operating Temperature	0ºC - 40ºC (32ºF - 104ºF) Continuous
	Humidity	5% - 90% (non condensing)
Construction	Filter Housing	Aluminum w/Electroless Plated Nickel
	Dimensions	3.20” x 3.20” x 3.31”
	Mounting	2.25-16 UN Threaded Penetration 1.5” Length Aluminum Chem-Filmed Flange Nut
	Connectors	IEC 60320 C-14 (Input) IEC 60320 C-13 (Output)

Drawing