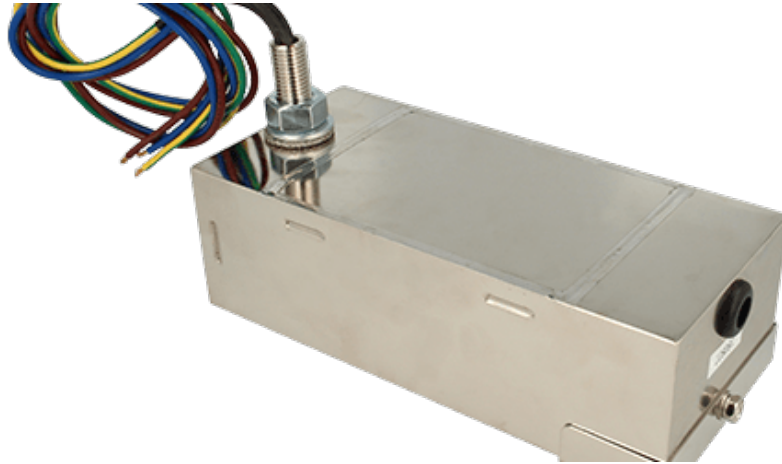


## Power line filters for shielded cabinet



### Power line filters for shielded cabinet 8050

Designed for a well-grounded shielded cabinet with a rated voltage of up to 250 VAC / 50 Hz 250 volt 0 - 60 Hz. Shielding performance: up to 100 dB @ 14 kHz - 40 GHz (MIL-STD-285 or ASTM E 1851)

The 8050 series Power line filters for shielded cabinets is a superior filter housed in a two-compartment casing that achieves 100 dB shielding performance at 14 kHz till 40 GHz. The circuit is designed as a double-circuit with high-quality rod cores providing inductance.

This series of power line filters are specially designed for a well-grounded shielded cabinet with a rated voltage of 250 VAC / 50-60 Hz. It is compact and in compliance with Class B and C standards for the shielded cabinet. The 8050 series is particularly suitable for use in MRI rooms.

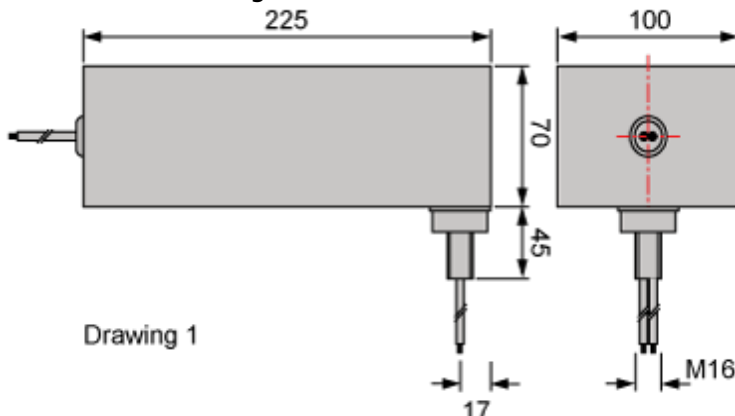
This series is only offered as a two-line filter (phase and neutral).

### Product range

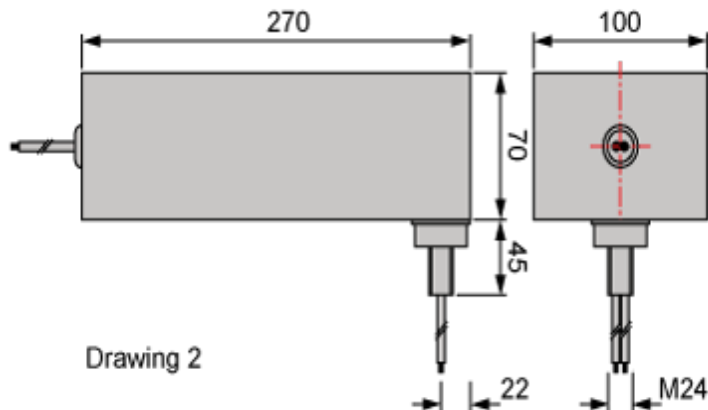
Type	IR (A)	I Leakage (mA) *	Outline drawing	Shielding Effectiveness (dB)
8050-2-16	2x16 (DC 70%)	<3	1	
8050-2-32	2x32 (DC 70%)	<5	2	100 dB, 14 kHz - 40 GHz
8051-2-16	2x16 (DC 70%)	<3	1	

\*If the voltage between neutral and earth is 0 V. 250 volt 0 - 60 Hz

### Dimensional drawing



## Power line filters for shielded cabinet



### Advantages

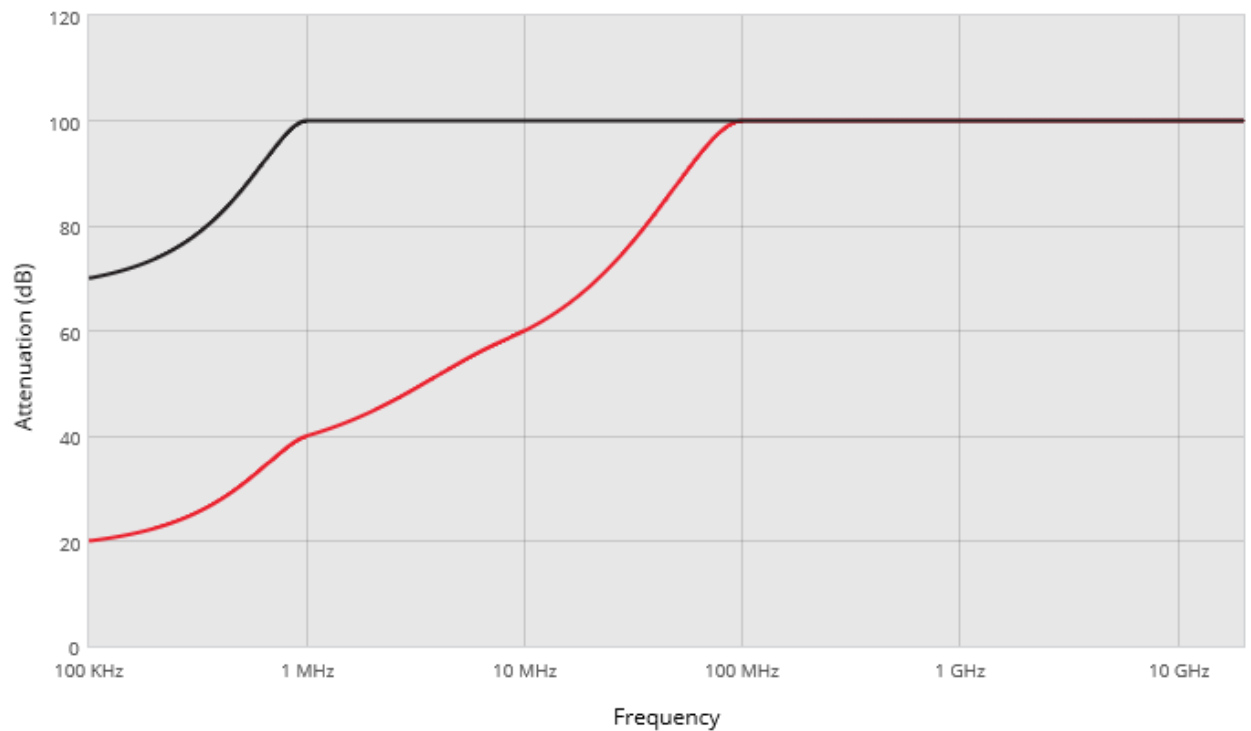
- High attenuation level for lower frequencies
- Suitable for use under extreme conditions (military applications)
- Wear-resistant
- Corrosion resistant

### Applications

- Shielded rooms
- Shielded chambers
- Anechoic chambers
- Military applications

### Shielding performance

#### 8050 series - 8050-2-16 VS 8051-2-16



■ Insertion loss 8050 LL

■ Insertion loss 8050 EP

## Power line filters for shielded cabinet

---

**Please note:** These values are measured under laboratory conditions. Results may vary in other situations; please read our Guarantee



## Power line filters for shielded cabinet

---



Order Code

Part number

**Select an option:**

**8050-2-16 : 2×16A**  
(standard  
performance)

**8050-2-32 : 2x32A**

**8051-2-16 : 2×16A**  
(extra performance)