

PRODUCT LINE CARD

Chassis Mount EMI Filters



Spectrum Control is the leader for application EMI protection solutions. Offering the industry's most extensive line of EMI filters for high reliability, demanding, crucial environmental applications. Commercial aviation and avionics, high-reliability power supplies, as well as all airborne, ship, or ground-based military applications.

Chassis mount EMI filters are the ideal method to filter the AC or DC power entering your system to prevent radiated or conducted EMI. Spectrum Control's custom EMI filter design solutions offer comprehensive consulting, diagnostic testing, and world-class manufacturing, providing an ideal solution to satisfy global EMC standards while meeting your design parameters.

EMP/HEMP Filters



High Voltage High-altitude Electromagnetic Pulse (HEMP) filters

- Insulation resistance, DWV tested prior to discharge resistor and MOV installation
- Temperature rise is less than 25°C
- Filters rated for 6A, 16A, and 30A, additionally meet modified E3 pulse test
- Meets MIL-STD-188-125, E1 and E2 pulse requirements
- Custom designs available

Emission Security Power EMI Filter (EMSEC)



Unique space-saving design effectively eliminates electromagnetic interference for an added level of data protection

- Provides the benefit of "brute force" filtering, expanded to commercial market systems
- Small and light, fits in standard 1U spacing in a data/comm rack with unique space-saving design and hardware
- Configurable performance and package give the customer the ability to maximize performance for the space available
- IEC connector input
- Hybrid common mode/differential mode coil design



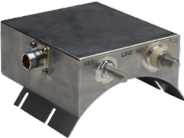
MIL-STD-461 & Commercial Modular EMI Filter

The modular line up of EMI filters for both MIL-STD-461 and commercial applications offers flexibility for to choose what matters the most for your EMI filtering needs

- Short amount of upfront time spent (inquiry to quote) with selecting from catalog list of products leading to shorter lead times
- High-frequency attenuation up to 1 GHz common mode
- Convenient input interface
- Configurable to maximize performance for the space available
- Compact design, up to 30% space-saving size
- Environmentally sealed input interface
- Rugged, high-reliability design with high common and differential mode attenuation
- Rugged modeling capability providing outstanding analytical design support

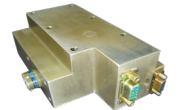


Custom Design Power EMI Filters



Custom product tailored to your project's design, logistic and budgetary requirements

- Excellent insertion loss characteristics up to 1 GHz
- Maximum voltage ratings up to 400 VDC and 240VAC standard
- EMI filters to meet MIL-PRF-15733, MIL-STD-461, and MIL-STD-1399 standards
- Current ratings up to 500 Amps
- Low leakage current EMI filters accommodate non-magnetic requirements
- Design for CISPR22/24 and EN55022/24 regulations



Spectrum Control's customers benefit from unparalleled engineering and industry expertise. We provide complete standard and custom solutions in a timely manner. Our in-house machining, state-of-the-art engineering, and technology integration provide for rapid turn-around from prototype to production.